



STIC Search Report

EIC 3600

STIC Database Tracking Number: 128321

Received all results

SUN

TO: Susanna Diaz
Location: 7T04
Art Unit : 3623
Monday, August 02, 2004

Case Serial Number: 09/750350

From: Sylvia Keys
Location: EIC 3600
PK5-Suite 804
Phone: 305-5782

8/8/04

sylvia.keys@uspto.gov

Search Notes

Dear Examiner Diaz,

Please read through the results.

If you have any questions, please do not hesitate to contact me.

Sylvia

File 16:Gale Group PROMT(R) 1990-2004/Aug 02
 (c) 2004 The Gale Group
 File 148:Gale Group Trade & Industry DB 1976-2004/Aug 02
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 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 275:Gale Group Computer DB(TM) 1983-2004/Aug 02
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 File 621:Gale Group New Prod.Annou.(R) 1985-2004/Aug 02
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 File 636:Gale Group Newsletter DB(TM) 1987-2004/Aug 02
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 File 8:EI Compendex(R) 1970-2004/Jul W4
 (c) 2004 Elsevier Eng. Info. Inc.
 File 94:JICST-EPlus 1985-2004/Jul W2
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 File 6:NTIS 1964-2004/Aug W1
 (c) 2004 NTIS, Intl Cpyrght All Rights Res
 File 34:SciSearch(R) Cited Ref Sci 1990-2004/Jul W4
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 File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
 (c) 1998 Inst for Sci Info
 File 7:Social SciSearch(R) 1972-2004/Jul W4
 (c) 2004 Inst for Sci Info
 ? ds

Set	Items	Description
S1	228028	(CONSTRUCTION? OR CAPITAL) (5N) PROJECT?
S2	263192	PROJECT()MANAG?
S3	192689	(MONITOR? OR TRACK? OR GATHER?) (5N) (PROGRESS OR STATUS? OR WORK OR WORKLOAD? OR WORK()LOAD? OR WORKFLOW? OR WORK()FLOW? - OR ACTIVITY OR ACTIVITIES)
S4	4743	S3(5N) (WEBSITE? OR WEBPAGE? OR WEB() (SITE? OR PAGE?) OR INTERNET)
S5	7489	S3(5N) (CURRENT OR REALTIME OR REAL()TIME)
S6	66836	SUBCONTRACTOR?
S7	4350294	EMPLOYEE? OR WORKER? OR LABORER? OR CONTRACTOR?
S8	6862	AU=(FREEMAN, D? OR FREEMAN D? OR HALVERSON, M? OR HALVERSON M? OR LEWIS, S? OR LEWIS S? OR FIELY()FISHER, B? OR FIELY()FISHER B?)
S9	29	S1(S) (S4 OR S5)
S10	0	S9(S) (S6 OR S7)
S11	14	S9 NOT PY>2000
S12	7	RD (unique items)
S13	73	S2(S) (S4 OR S5)
S14	72	S13 NOT S12
S15	40	S14 NOT PY>2000
S16	22	RD (unique items)
S17	2336	(S1 OR S2) (S)S3
S18	30	S17(S)S6
S19	30	S18 NOT (S12 OR S16)
S20	25	S19 NOT PY>2000
S21	20	RD (unique items)
S22	0	(S1 OR S2) (S)S8

12/3,K/1 (Item 1 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

07392205 Supplier Number: 62262485 (USE FORMAT 7 FOR FULLTEXT)
**Digital Bridge Unveils Enterprise Productivity Management - EPM - Solution
On Television Program; COO Jon Winters Discusses EPM on Emerging Company
Report.**

Business Wire, p0528
May 23, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 505

... for the Palm platform, entitled CM Bridge, for the construction industry. The application allows for **real -time monitoring** of all ongoing **construction activities** on a **project**, including scheduling and progress monitoring. CM Bridge allows for daily schedule and cost updates accessible...

12/3,K/2 (Item 2 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

07382493 Supplier Number: 61204869 (USE FORMAT 7 FOR FULLTEXT)
CAD Management: Future and Past. (Industry Trend or Event) (Column)
GREEN, ROBERT
Cadence, v15, n1, p77
Jan, 2000
Language: English Record Type: Fulltext
Article Type: Column
Document Type: Magazine/Journal; Trade
Word Count: 1942

... common. To my chagrin the industry really didn't change much, but the need for **tracking** and submitting CAD **work** via the **Internet** or remote offices has mushroomed. Perhaps 2000 will be the year in which distributed CAD...

...the CAD department to expand outside the walls of the building to reach out to **construction** sites, branch offices and **project** manager's laptops.

Admittedly it is hard to plan for the future when the tools...

12/3,K/3 (Item 3 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
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07212981 Supplier Number: 61482870 (USE FORMAT 7 FOR FULLTEXT)
Digital Bridge Inc. Announces First Three B2B Products.
Business Wire, p1190
April 14, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 568

... wireless application for the Palm (NASDAQ: PALM) platform, tentatively named "CM Bridge," which allows for **real -time monitoring** of

all ongoing construction activities on a project, including scheduling and progress monitoring. The product will allow for daily schedule and cost updates...

12/3,K/4 (Item 4 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
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05549007 Supplier Number: 48410027 (USE FORMAT 7 FOR FULLTEXT)
Three Local Governments Select J.D. Edwards to Streamline Business Processes; Flexible Workflow Solution Will Enhance Efficiencies for Three County and City Governments.
Business Wire, p04071096
April 7, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 884

... the cost/project accounting level, which is integrated with the general ledger, and more efficiently track real - time, on-budget status for capital projects. The county will have 75 concurrent users on the system when it goes live in...

12/3,K/5 (Item 5 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
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04187876 Supplier Number: 46120984 (USE FORMAT 7 FOR FULLTEXT)
QUESTAR PROJECTS \$235 MILLION CAPITAL SPENDING
PR Newswire, p0202LAF016
Feb 2, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 418

... activity in the Rocky Mountain region, Questar Pipeline plans to spend the majority of its current -year budget for gas- gathering and transportation facilities.

Other corporate activities will spend about \$22 million. In addition, a \$21 million exception fund has been established...

...including regional or international acquisitions. In 1995, Questar's other operations spent \$12 million on **capital projects**.

Cash said the 1996 **capital** spending program will be funded primarily from internal cash flow and short-term debt, with...

12/3,K/6 (Item 1 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB
(c) 2004 The Gale Group. All rts. reserv.

12063803 SUPPLIER NUMBER: 61939412

Learn to share. (extranet innovations)

Knutt, Elaine

Building, 265, 8131, 54(2)

April 7, 2000

ISSN: 0007-3318 LANGUAGE: English RECORD TYPE: Abstract

...ABSTRACT: The Schal development system dramatically reduces the overall drawing and printing costs of a typical **construction project** from 378,000 pounds sterling to just 18,000 pounds sterling.

12/3,K/7 (Item 1 from file: 160)

DIALOG(R) File 160:Gale Group PROMT(R)
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00479748

Foster Wheeler Ltd (UK), the US owned contractor, had a record turnover and profit in 1978 but does not expect 1979 to be a good year.

Chemscape April 9, 1979 p. 40

... of the business is in chemical and petrochemicals and the rest in petroleum refining, gas **gathering** and processing and **construction** work. Its **current projects** include: high olefins plant for Shell; an aromatics project for Yugoslavia's Sisak refinery; catalytic...?

16/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

08106615 Supplier Number: 67580822 (USE FORMAT 7 FOR FULLTEXT)
E-Pawn.Com Inc., To Change Name To Ubuy Holdings Inc.
Business Wire, p2409
Dec 5, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 446

... World - www.bigticketworld.com.

Also introduced at the stockholders meeting was E-Pawn's new **project management** software system. Ed Ries quoted, "EZ- PROJECT MANAGER is a web based management system that will bring your entire organization together even if...

...office, one building, from home, or on the road, they will be able to keep **real - time** **track** of the **status** of their projects and team members." The software will be available for sale in the...

16/3,K/2 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

08088479 Supplier Number: 67457431 (USE FORMAT 7 FOR FULLTEXT)
Niku Announces Architecture and Engineering Solution.
PR Newswire, pNA
Nov 21, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 794

... project documents including design documents with colleagues wherever their location.

-- Niku's Executive Dashboard integrates **Project Management**, Time & Expense and Project Accounting modules to **track** **real - time** **project** **status**. Summarized data is displayed graphically, with flexible definition of parameters.

-- Resource Management technology provides access...

16/3,K/3 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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07722798 Supplier Number: 64415644 (USE FORMAT 7 FOR FULLTEXT)
WAP Trial Technology Enables Researchers To Run Surveys Anytime, Anywhere.
Business Wire, p0251
August 21, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 677

... own. Either way, the collected data is immediately accessible on the organization's server, and **project managers** can **track** **real - time** **results** in **progress**. Palm Pilot users with a WAP browser and access to the Internet can also run...

16/3,K/4 (Item 4 from file: 16)
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07434342 Supplier Number: 62516302 (USE FORMAT 7 FOR FULLTEXT)
Global Knowledge Partners With Netigy to Deliver Custom Training and Certification Program.
PR Newswire, pNA
June 6, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 590

... check course schedules and register for courses. The program itself is managed by a Global **project manager** and project administrator who maintain student histories, produce management reports, update the **web site** and **track** the certification **status** of each student.

"With a state-of-the-art training program in place, Netigy has...

16/3,K/5 (Item 5 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
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06756835 Supplier Number: 56895229 (USE FORMAT 7 FOR FULLTEXT)
Training Address Project-Management Needs -- Welcom Suite, Course Offerings Can Help Managers Plan, Assess, And Manage IT Projects. (Product Announcement)
Mateyaschuk, Jennifer
InformationWeek, p119
Oct 25, 1999
Language: English Record Type: Fulltext Abstract
Article Type: Product Announcement
Document Type: Tabloid; General Trade
Word Count: 910

ABSTRACT:

A recent report on **project management** concludes that IT projects tend to fail more often than other technical issues because of insufficient planning, incomplete risk assessment and poor interpersonal skills. New **project management** applications, such as Welcom's new WelcomHome Internet suite, are addressing such problems, but such programs will still require a good manager. WelcomHome offers customizable templates that adhere to industry **project management** standards. Project team members can collaborate over the Internet and IT managers can **monitor** the **progress** of the project. The application automatically notifies managers when problems occur. WelcomHome will ship in...

16/3,K/6 (Item 6 from file: 16)
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06263024 Supplier Number: 54341679 (USE FORMAT 7 FOR FULLTEXT)
Netmosphere Unveils Project Home Page 2.0 - Industry's First Project Portal.
PR Newswire, p7942
April 12, 1999

Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 931

... is a Java-based software application that automatically collects, organizes and presents project information in **real - time**, allowing users to **track** and **work** with an almost limitless range of project-based activities and resources using a web browser...

...ActionPlan project and resource management software and Microsoft Project. Information from other sources, including existing **project management** processes, can also be tracked.

"While there are a number of software tools for publishing...

16/3,K/7 (Item 7 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05255593 Supplier Number: 48009436 (USE FORMAT 7 FOR FULLTEXT)
SERENA Software's CDF 3.1.1 Simplifies Year 2000 and Version Reconciliation Projects.

Business Wire, p09290202
Sept 29, 1997

Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 799

... consolidation efforts such as year 2000 and vendor reconciliation projects.

CDF 3.1.1 facilitates **project management** by enabling team leaders to assign blocks of version members to specific users and then **monitor** the member **status** through its **current** degree of reconciliation complexity. Large reconciliations can be divided by member name patterns, source code...

16/3,K/8 (Item 8 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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04589374 Supplier Number: 46747314 (USE FORMAT 7 FOR FULLTEXT)
K2 Design announces VisiTrac TSP -- New consultancy to offer unbiased, independent website activity tracking and statistical reporting solutions.

Business Wire, p9301384
Sept 30, 1996

Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 595

... are becoming increasingly complex, integrating back into legacy marketing and operations systems. As a result, **Website activity tracking** and statistical reporting requirements are being defined earlier during these projects. However, many Website **project managers** are overwhelmed by the scope of tracking, auditing and adserving reporting options available in the...

16/3,K/9 (Item 9 from file: 16)

DIALOG(R) File 16:Gale Group PROMT(R)
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04065141 Supplier Number: 45917754 (USE FORMAT 7 FOR FULLTEXT)
Updates With Less Boredom; Client-server apps tool will help automate
project status reporting

InformationWeek, p125

Nov 6, 1995

Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; General Trade
Word Count: 294

... tasks, and other information. The application uses a simple, calendar-like interface to distribute assignments, **track progress** in **real time**, and provide status reports. The interface displays each project team member's list of assigned...

...of effort or resources they spend on a specific assignment or any other information the **project manager** may need. Users also can send E-mail from within the application.

Hewlett-Packard plans...

16/3,K/10 (Item 10 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

03920466 Supplier Number: 45661096 (USE FORMAT 7 FOR FULLTEXT)
Project management improves well control events

The Oil and Gas Journal, p56

July 10, 1995

Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 3156

... projects.

In the 1980s, the introduction of personal computers provided even more access to automated **project management** techniques to allow planning, scheduling, **monitoring**, and controlling of **work** in a **real - time** environment.

Lessons learned from the practice of good **project management** can be applied to wild well projects. In such emergency situations, the schedule of the project usually takes priority over all other considerations. Therefore, the ability to **monitor progress** carefully in a **real - time** environment is extremely important to controlling the project.

Information must be gathered, organized, and given...

16/3,K/11 (Item 1 from file: 148)
DIALOG(R) File 148:Gale Group Trade & Industry DB
(c) 2004 The Gale Group. All rts. reserv.

13034989 SUPPLIER NUMBER: 67373713 (USE FORMAT 7 OR 9 FOR FULL TEXT)
NEW PRODUCTS & SERVICES.

Health Management Technology, 21, 11, 73
Nov, 2000

ISSN: 1074-4770 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1232 LINE COUNT: 00116

... tools from HealthFlash, Inc., an application service provider. At the HealthFlash Executive site, managers can **track progress** on key strategies, view **real - time** project and accreditation information and follow performance measures. HealthFlash Flagship promotes efficiency by creating, tracking...

16/3,K/12 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

08344090 SUPPLIER NUMBER: 17907760

Project Updater adds centralized management. (Time Line Solutions Corp's client/server project management tool) (Product Announcement)

Stuart, Linda

Info-Canada, v20, n11, p11(1)

Nov, 1995

DOCUMENT TYPE: Product Announcement ISSN: 1187-7081 LANGUAGE:
English RECORD TYPE: Abstract

...ABSTRACT: managers can use Project Updater and the centralized data to distribute assignments to teams and **track** their **progress** in **real time**. **Project managers** can also assign access rights so that information is updated by workers on a regular...

...managers to resynchronize individual assignments. The company expects Project Updater to compete with high-end **project management** systems. The estimated value for Project Updater is \$9,995.

16/3,K/13 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

08007796 SUPPLIER NUMBER: 17272526 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Project management improves well control events. (oil well blowouts)

Oberleender, Gerald D.; Abel, William L.

Oil and Gas Journal, v93, n28, p56(5)

July 10, 1995

ISSN: 0030-1388 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3829 LINE COUNT: 00322

... personal computers provided even more access to automated project management techniques to allow planning, scheduling, **monitoring**, and controlling of **work** in a **real - time** environment.

Lessons learned from the practice of good project management can be applied to wild...

...schedule of the project usually takes priority over all other considerations. Therefore, the ability to **monitor progress** carefully in a **real - time** environment is extremely important to controlling the project.

Information must be gathered, organized, and given...

16/3,K/14 (Item 4 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
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04553334 SUPPLIER NUMBER: 08449072 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Cincom's multi-user project management system for VAX, 370 plugs Netmaster gap. (Cincom UK's Cincom Project Control System) (product announcement)
Computergram International, n1426, pCGI05160002
May 16, 1990

DOCUMENT TYPE: product announcement ISSN: 0268-716X LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 431 LINE COUNT: 00034

... inventory and updateable experience rating, and on-line reporting. Project planning allows what if scenarios, real - time progress and exception monitoring, and inter-project dependencies. The Model Support feature includes a methodology enabler, model parallelizing, and...

16/3,K/15 (Item 5 from file: 148)
DIALOG(R) File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

03898638 SUPPLIER NUMBER: 07469329 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Official show preview: Southpack '89 May 8-10, 1989: Georgia World Congress
Center (Special Issue) (includes exhibitor list)
Packaging (Boston, Mass.), v34, n5, p33(12)
March 19, 1989
ISSN: 0746-3820 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 4589 LINE COUNT: 00520

... development, Mazzullo will provide an overview of the issues involved and an update on the current status of the project.
TRACK TWO: PACKAGING PRODUCTION Session #4 Applying Machine Vision Systems to the Pharmaceutical Packaging Process Harvey...

16/3,K/16 (Item 6 from file: 148)
DIALOG(R) File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

03260656 SUPPLIER NUMBER: 06091422
Help for project management. (Instaplan software program) (Software Review)
(evaluation)
Honan, Patrick
Personal Computing, v11, n7, p170(1)
July, 1987
DOCUMENT TYPE: evaluation ISSN: 0192-5490 LANGUAGE: ENGLISH
RECORD TYPE: ABSTRACT

...ABSTRACT: develop a strategy, allocate manpower, budget, set a timetable and track the project. InstaPlan's "tracker" option compares current project status to forecasts. Lotus 1-2-3 style menus on the bottom of the screen guide...

16/3,K/17 (Item 1 from file: 275)
DIALOG(R) File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01187713 SUPPLIER NUMBER: 04737473
Instaplan ships \$100 PC project manager. (product announcement)
Barney, Douglas
Computerworld, v21, n13, p35(2)
March 30, 1987

DOCUMENT TYPE: product announcement
ENGLISH RECORD TYPE: ABSTRACT

ISSN: 0010-4841

LANGUAGE:

ABSTRACT: Instaplan has introduced and shipped its \$100 **project management** package called Instaplan. The package was designed in the United States, but developed in India...

...exported from India. Instaplan is targeted at users who have failed to take advantage of **project management** software. The package's spreadsheet and outlining features are considered innovations in **project management** products. Instaplan Tracker, a \$50 project tracking program, was also introduced. Instaplan **Tracker** allows users to compare **current activities** and actual progress with the original plan, as well as to monitor shifts in cash...

16/3,K/18 (Item 2 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01009533 SUPPLIER NUMBER: 00530049

Drawing Office Dramas Keeps Management in Control.

CAD-CAM Digest, v5, n1, p10
Annual, 1983

DOCUMENT TYPE: buyers guide
RECORD TYPE: ABSTRACT

ISSN: 0263-6190

LANGUAGE: ENGLISH

...ABSTRACT: the production area. Dramas can be used to make design changes in an interactive mode, **monitor current job progress**, and to amass cost data. It is compatible with Medusa, a leading CAD package sold to drafting departments and Track 50, a **project management** system for the Prime 50 mini-computer.

16/3,K/19 (Item 1 from file: 636)

DIALOG(R) File 636:Gale Group Newsletter DB(TM)
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04694044 Supplier Number: 62833110 (USE FORMAT 7 FOR FULLTEXT)

Computer Associates Unicenter TNG enables Retraites Unies to plan for the future; CA services and technology enable major French pension management fund to benefit from ebusiness technologies.

M2 Presswire, pNA
June 20, 2000

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 933

... TNG because it satisfies a multitude of operational demands," said Jean-Claude Macantay, Arizona Consulting **project manager**. "Unicenter TNG is a robust, scalable solution that enables us to accommodate increasing workloads with easy replication and modularity." "Unicenter TNG will enable us to run and **monitor** pension fund **activity** and account transactions via the **Internet** with an efficiency previously unavailable," Macantay concluded. "This implementation is empowering RU to expand its..."

16/3,K/20 (Item 2 from file: 636)

DIALOG(R) File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

04179033 Supplier Number: 54693298 (USE FORMAT 7 FOR FULLTEXT)
OPERATIONS ROUNDTABLE.

Operations Management, v5, n13, p7
March 29, 1999

Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 1131

... in various time zones without the use of e-mail dialogue and Internet data transfer.

Project management and product development ...great deal of outsourcing and collaboration with other firms. We are able to document and **track progress** and share data over the **Internet** in ways that were only possible over the expensive leased lines in the past.

Security...

16/3,K/21 (Item 3 from file: 636)0
DIALOG(R)File 636:Gale Group Newsletter DB(TM).
(c) 2004 The Gale Group. All rts. reserv.

03934250 Supplier Number: 50209579 (USE FORMAT 7 FOR FULLTEXT)
-PAFEC: PAFEC EDM to facilitate concurrent engineering at NNC
M2 Presswire, pN/A
August 3, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1122

... completed in the past, thus saving valuable time.

The PAFEC EDM system will also enhance **project management**, firstly by ensuring that all engineering data is properly controlled and managed. As a result...

...then spending valuable project time reworking their mistakes. Through integration with the NNC Planning system, **project managers** will then be able to **monitor** and update **progress** on the project in 'real time' through the EDM system. Integration with the company's procurement planning system will also ensure...

16/3,K/22 (Item 4 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

03743431 Supplier Number: 48095288 (USE FORMAT 7 FOR FULLTEXT)
SERENA SOFTWARE UPGRADES CDF 3.1.1
Productivity Software, v10, n11, pN/A
Nov 1, 1997
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 635

... consolidation efforts such as year 2000 and vendor reconciliation projects. CDF 3.1.1 facilitates **project management** by enabling team leaders to assign blocks of version members to specific users and then **monitor** the member **status** through its **current** degree of reconciliation complexity.

Large reconciliations can be divided by member name patterns, source

21/3,K/1 (Item 1 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
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05877482 Supplier Number: 53055063 (USE FORMAT 7 FOR FULLTEXT)
**Blue-Line/On-Line Introduces ProjectNet InterPrise; Web-Based Enterprise
Collaboration Solution.**

PR Newswire, p3361
Oct 5, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1115

... now being implemented by Bechtel Group, Inc., one of the world's largest global engineering, **construction**, and **project management** corporations, to help manage multi-billion dollar **construction projects** involving numerous suppliers and **subcontractors** around the world. As a server-based intranet/extranet application, ProjectNet InterPrise can be tightly...

...that are hosted on secure sites. ProjectNet incorporates state-of-the-art collaboration features including **workflow** and document managing, audit **tracking** and reporting, and team messaging and conferencing in a secure, flexible, scaleable environment designed for large-scale **project management**.

"The ProjectNet InterPrise solution will help us to achieve our goals of reducing overhead and..."

21/3,K/2 (Item 2 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
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03128782 Supplier Number: 44267940 (USE FORMAT 7 FOR FULLTEXT)
A CONSTRUCTIVE IT APPROACH

UNIX News, p15
Dec, 1993
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1555

... contract construction firms harness an array of software systems. Contract costing systems used to value **subcontractors** work are used by 90 per cent of contractors, purchasing packages 45 per cent, software...

...programs by 50 per cent and computer aided drafting systems by 30 per cent. Contractual **progress** is **monitored** by **project management** software in 65 per cent of companies, an area where the construction industry has led...

21/3,K/3 (Item 3 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

02798226 Supplier Number: 43757614 (USE FORMAT 7 FOR FULLTEXT)
In-house architects keep facilities shipshape
Crain's Cleveland Business, p14
April 5, 1993
Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Tabloid; Trade
Word Count: 888

... has worked with almost every architectural firm in the city. 'We oversee the design and **construction** of a **project** and carefully **monitor** the **work** of the **subcontractors** and outside architects,' he said. 'One of our major criteria is that they stay within...'

21/3,K/4 (Item 1 from file: 148)
DIALOG(R) File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

10416413 SUPPLIER NUMBER: 21050443 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Constructing A Safety Net.
Ostermiller, Marilyn
Best's Review - Property-Casualty Insurance Edition, v99, n4, p89(1)
August, 1998
ISSN: 0161-7745 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1253 LINE COUNT: 00100

TEXT:

...the wrap-up insurer's loss control person identifies exposures and prescribes safety precautions before **work** begins. The insurer **monitors** **work** procedures on-site. "Many of these programs have a loss-sensitive feature." Lou Iglesias, senior...

...the job site." Consolidated claims management can significantly reduce legal costs. "Instead of having many **subcontractor** claims adjusters involved, cross suits, and questions as to which carrier should pay if there...

..consolidated loss-control and claims-management program for an entire project rather than if each **subcontractor** is responsible for his own.

21/3,K/5 (Item 2 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

09436915 SUPPLIER NUMBER: 19328866 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Move over, general contractors. (construction managers for commercial building projects)

O'Mara, Deborah L.

Professional Builder (1993), v62, n5, p11(2)

Spring, 1997

ISSN: 1072-0561 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 412 LINE COUNT: 00033

... between the subcontractors and the clients, schedules work, orders materials and oversees quality control. He **monitors** work schedules, and is literally on the job, day in and day out, until completion and...

21/3,K/6 (Item 3 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

08567103 SUPPLIER NUMBER: 18135867 (USE FORMAT 7 OR 9 FOR FULL TEXT)

MetroLink: the spirit of St. Louis. (St. Louis, Missouri's transit system)

Miller, Luther S.

Railway Age, v197, n3, p64(3)

March, 1996

ISSN: 0033-8826 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2021 LINE COUNT: 00156

... recently selected as project manager. Subcontractors are Sverdrup Corp., facilities design services; Thomas K. Dyer, **track work**; De Leuw Cather and Co., light rail vehicle and maintenance and storage facility design; Ross...

21/3,K/7 (Item 4 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB
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05926212 SUPPLIER NUMBER: 13331968 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Cost Engineering for Effective Project Control. (book reviews)

McCain, Paul P.

Engineering Economist, v37, n4, p362(2)

Summer, 1992

DOCUMENT TYPE: review ISSN: 0013-791X LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 792 LINE COUNT: 00066

... of these many and varied situations are examined from the perspective of the general contractor, **subcontractor**, or specialty contractor. Chapter 7 begins with a discussion of the construction management contractual arrangement and concludes with a discussion of **progress monitoring** tools and techniques. Chapter 8 discusses the importance of planning, with several examples from the...

...12 is an overview of the causes and results of price escalation incurred during the **construction** process. Chapter 13, titled " **Project Control**," begins with a brief review of material contained in the previous chapter and concludes...

21/3,K/8 (Item 5 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB
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05871858 SUPPLIER NUMBER: 12173562 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Critical path software smooths road for automotive supplier. (Progressive Tool and Industry Co.)
Industrial Engineering, v24, n4, p28(2)
April, 1992
ISSN: 0019-8234 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 888 LINE COUNT: 00070

... work of the 124 subcontractors that PICO works with, is a complex task making effective **project management** critical.

Since 1987, PICO has used Lucas Management Systems' Artemis project management software on a...

21/3,K/9 (Item 6 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

05871857 SUPPLIER NUMBER: 12173560 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Software facilitates TQM program at Union Pacific Railroad. (total quality management)
Industrial Engineering, v24, n4, p25(2)
April, 1992
ISSN: 0019-8234 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 901 LINE COUNT: 00079

... federally mandated personnel guidelines. Information Systems monitors and plans the application development cycle. This includes **monitoring progress** in the modification of existing applications and new application development. The ability manage the resource...

...the availability of equipment at the necessary sites at the proper time. This integration of **project management** system with inventory control and purchasing systems has allowed Union Pacific to provide a closed...

21/3,K/10 (Item 7 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

04125065 SUPPLIER NUMBER: 07999601 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Turkey goes turnkey, in Istanbul and Ankara. ("design-build" and "build-operate-transfer" local transit projects)
Railway Age, v190, n9, p67(1)
Sept, 1989
CODEN: RAAGA ISSN: 0033-8826 LANGUAGE: ENGLISH RECORD TYPE:
FULLTEXT
WORD COUNT: 946 LINE COUNT: 00074

... including installation and testing. A number of other suppliers for

the project participated as ABB **subcontractors** .

An important element of the project's success has been the financing package, in which...

21/3,K/11 (Item 8 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB

(c)2004 The Gale Group. All rts. reserv.

03936021 SUPPLIER NUMBER: 08122229 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Construction managers.

Gartaganis, Arthur

Occupational Outlook Quarterly, v33, n2, p26(4)

Summer, 1989

CODEN: OOQUA ISSN: 0199-4786 LANGUAGE: ENGLISH RECORD TYPE:

FULLTEXT

WORD COUNT: 1723 LINE COUNT: 00160

TEXT:

...mall, these workers plan the sequence of steps for a project, direct construction supervisors, and **monitor progress** . However, specific duties depend on the individual's job.

21/3,K/12 (Item 9 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB

(c)2004 The Gale Group. All rts. reserv.

02035754 SUPPLIER NUMBER: 03292767 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Cost-effective computer service contracts. (how to get the best service contract with purchase of a computer)

Berst, Jesse

Highway & Heavy Construction, v127, p70(2)

June, 1984

ISSN: 0362-0506 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 1984 LINE COUNT: 00153

... accounting. The software is run on an NCR 8150 minicomputer. "We can now give a **project manager** or a customer information such as job cost to date or labor cost while he...

21/3,K/13 (Item 1 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)

(c)2004 The Gale Group. All rts. reserv.

01246003 SUPPLIER NUMBER: 06829743 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Vertical market applications software. (supplement to DG Review)

(directory)

DG Review, v8, n10, pS25(11)

June, 1988

DOCUMENT-TYPE: directory ISSN: 1050-9127 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 10696 LINE COUNT: 01010

... Construction financial control Product Name: TDC COBOL Construction Accounting Description: This software is designed to **track** financial transactions for **construction work** by lot and by **project** . It includes budget controls and detailed expense reporting by "building crafts" which the user defines. It als includes loan management for funds sources and

accounts payable to suppliers and **subcontractors** . The package may be used with the company's other integrated accounting systems for G...

21/3,K/14 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

04059748 Supplier Number: 54030445 (USE FORMAT 7 FOR FULLTEXT)
\$14M JIS Landfill Remedy in Early Work Stages; Capping, P&T Start Next Year.

Superfund Week, v12, n46, pNA
Nov 20, 1998
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 453

(USE FORMAT 7 FOR FULLTEXT)
TEXT:

...it specializes in the work being performed at this site. The company could hire a **subcontractor** for smaller projects like designing the features of the cap, DEP **project manager** Bob Hayton told SFW. Both the capping and the pump-and-treat system is designed...

...of in an on-site recharge trench. The remedy for the secondary plume includes only **monitoring** . DEP approved the PRPs' revised **work** plan on Oct. 9; the agency had "major problems" with the plan they submitted last

...
...total of \$375,000 to reimburse EPA for previous response costs. Contact: Bob Hayton, DEP **project manager** , (609) 633-0744, rhayton@dep.state.nj.us; Al Auwa, chairman of PRP technical committee...

21/3,K/15 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

03917948 Supplier Number: 50139290 (USE FORMAT 7 FOR FULLTEXT)
DOE COMPLEX
Nuclear Waste News, v18, n27, pN/A
July 2, 1998
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 956

(USE FORMAT 7 FOR FULLTEXT)
TEXT:

...management, operation and maintenance of HIFAR, Australia's national neutron source; corporate waste management; and **project management** , including environmental reviews and documentation. Before moving to Australia, Malosh held management positions at Westinghouse...

...extended contracts with five of the six "enterprise" companies formed by FDH and its major **subcontractors** two years ago under their original agreement with DOE. On Oct. 1, 1996, FDH formed...

...gauge, they discovered it was contaminated with plutonium. They reconnected it and promptly left the **work** area. Air **monitors** showed airborne radioactivity. Nasal smears showed small amounts of plutonium in the nasal passages of...

21/3,K/16 (Item 3 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

03451104 Supplier Number: 47110596 (USE FORMAT 7 FOR FULLTEXT)

BUILDING CONSTRUCTION AND GENERAL CONTRACTING

Set-Aside Alert, v5, n3, pN/A

Feb 10, 1997

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 3058

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...a contractor to recondition and retrofit air circuit breakers. Also, the contractor must provide remote **monitoring** system and configuration. The **work** is to be performed by factory trained technicians. This has been set-aside for small...or money order payable to the Bureau of Indian Affairs. For additional information contact the **Project Manager**, Leland Baade 605/226-7371. Bureau of Indian Affairs, Aberdeen Area Office, 115 4th Ave...on company letterhead and state whether you intend to bid as a prime contractor or **subcontractor**. Send a company check, cashier's check or money order (no personal checks) payable to...

21/3,K/17 (Item 1 from file: 8)

DIALOG(R)File 8:EI Compendex(R)
(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

03662277 E.I. No: EIP93071020531

Title: **Microcomputers in management of construction operations**

Author: Barnes, Wilson C.

Corporate Source: Florida Int Univ, Miami, FL, USA

Source: Journal of Construction Engineering and Management v 119 n 2 Jun 1993. p 403-412

Publication Year: 1993

CODEN: JCEMD4 ISSN: 0733-9364

Language: English

...Abstract: shop-drawing submittals, change orders, material flow, requests for information, and the administrative status of **subcontractors** and suppliers. In addition, there was clearly a need for more integration of financial and...

...described herein relies on custom-designed proprietary programs to facilitate handling of the construction unique **activities** and management **monitoring** requirements. Jobsite hardware is standard PCs with monitors and simple dot matrix printers. An operational description begins at the jobsite where **project managers** have a constant need to process and monitor the development of data generated by the....

...ability to access the resulting information in a more timely and comprehensive manner enhances the **project manager**'s leverage to implement more effective control. The system is operational and used enthusiastically by...

21/3,K/18 (Item 1 from file: 94)

DIALOG(R)File 94:JICST-EPlus

(c)2004 Japan Science and Tech Corp(JST). All rts. reserv.

02388357 JICST ACCESSION NUMBER: 95A0681861 FILE SEGMENT: JICST-E
Readjustment of Progress Planning on Typical Floor by Monitoring.
KIMOTO KENJI (1); IWASHITA SATORU (1); ENDO KAZUYOSHI (2); IWASAKI MINORU
(3); TOYOSHIMA KAZUTERU (3)
(1) Konoike Constr. Co., Ltd., Tech. Res. Inst.; (2) Kogakuin Univ.; (3)
Konoike Constr. Co., Ltd.
Kenchiku Seisan to Kanri Gijutsu Shinpojiumu Ronbunshu, 1995, VOL.11th,
PAGE.263-268, FIG.13, TBL.4, REF.3
JOURNAL NUMBER: X0722AAM
UNIVERSAL DECIMAL CLASSIFICATION: 69.05
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Conference Proceeding
ARTICLE TYPE: Short Communication
MEDIA TYPE: Printed Publication

...ABSTRACT: presents the readjustment system of cyclic progress planning on typical floor of multi story building construction projects by monitoring. This system answers changes of critical path and construction condition. Firstly it shows the progress planning of typical floor with construction knowledges, the procedure of readjustment and the work measurement by monitoring with Daily Report, Investigative Sheet and Video Camera. Secondly it prizes the flexibility of construction...

...of an applied project. Finally it adds the importance of collaboration with general contractor and subcontractors. (author abst.)

21/3,K/19 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2004 Inst for Sci Info. All rts. reserv.

02835462 Genuine Article#: MH695 No. References: 0
Title: COMPARISON OF 2 CORPORATE CONSTRUCTABILITY PROGRAMS
Author(s): RUSSELL JS; GUGEL JG
Corporate Source: UNIV WISCONSIN,DEPT CIVIL & ENVIRONM
ENGN/MADISON//WI/53706
Journal: JOURNAL OF CONSTRUCTION ENGINEERING AND MANAGEMENT-ASCE, 1993, V
119, N4 (DEC), P769-784
ISSN: 0733-9364
Language: ENGLISH Document Type: ARTICLE (Abstract Available) (NO REFS
KEYED)

...Abstract: construction division of a design/construct organization (constructor performed), while the second is within the project management group of an owner organization (owner performed). The attributes of the two formal programs are...

...and source of constructability. The owner-performed program, however, facilitates construction input by managing and tracking program progress while constructability input is provided through feedback from constructors, subcontractors, vendors, suppliers, and the owner's field construction manager. Benefit/ cost ratios for both programs...

21/3,K/20 (Item 1 from file: 7)
DIALOG(R)File 7:Social SciSearch(R)

(c) 2004 Inst for Sci Info. All rts. reserv.

02458146 Genuine Article#: KP292 No. References: 15

Title: **IMPLEMENTING STRATEGY THROUGH PROJECT-MANAGEMENT**

Author(s): LORD MA

Corporate Source: HENLEY MANAGEMENT COLL/HENLEY ON THAMES//ENGLAND/

Journal: LONG RANGE PLANNING, 1993, V26, N1 (FEB), P76-85

Language: ENGLISH Document Type: ARTICLE

(Abstract Available)

...Abstract: demonstrate the potential of using projects to achieve diverse strategic objectives: regulating internal markets, managing **subcontractors**, forming partnerships around projects, experimenting with new areas of business and selling **project management** expertise. The companies maintain flexibility by creating 'market' arrangements which spread risks and focus expertise among **subcontractors**, using **project management** to maintain a degree of control. **Project management** sets detailed targets for achieving particular goals. Resources can be identified, problem areas highlighted and general **progress tracked**. Implementation is ensured by **project managers** who are skilful negotiators and delegators.

?

File 256:TecInfoSource 82-2004/Jul
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 File 35:Dissertation Abs Online 1861-2004/May
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 (c) 2004 The HW Wilson Co.
 File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
 (c) 2003 EBSCO Pub.
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
 (c) 2002 The Gale Group
 File 474:New York Times Abs 1969-2004/Jul 30
 (c) 2004 The New York Times
 File 475:Wall Street Journal Abs 1973-2004/Jul 30
 (c) 2004 The New York Times

Set	Items	Description
S1	23563	(CONSTRUCTION? OR CAPITAL) (5N) PROJECT?
S2	22754	PROJECT()MANAG?
S3	16205	(MONITOR? OR TRACK? OR GATHER?) (5N) (PROGRESS OR STATUS? OR WORK OR WORKLOAD? OR WORK()LOAD? OR WORKFLOW? OR WORK()FLOW? - OR ACTIVITY OR ACTIVITIES)
S4	159	S3(5N) (WEBSITE? OR WEBPAGE? OR WEB() (SITE? OR PAGE?) OR INTERNET)
S5	513	S3(5N) (CURRENT OR REALTIME OR REAL()TIME)
S6	3707	SUBCONTRACTOR?
S7	355526	EMPLOYEE? OR WORKER? OR LABORER? OR CONTRACTOR?
S8	1715	AU=(FREEMAN, D? OR FREEMAN D? OR HALVERSON, M? OR HALVERSON M? OR LEWIS, S? OR LEWIS S? OR FIELY()FISHER, B? OR FIELY()FISHER B?)
S9	0	S1 AND (S4 OR S5)
S10	17	CONSTRUCTION? AND (S4 OR S5)
S11	0	S10 AND S6
S12	1	S10 AND S7
S13	16	S10 NOT S12
S14	10	S13 NOT PY>2000
S15	10	RD (unique items)
S16	7	S2 AND (S4 OR S5)
S17	7	S16 NOT (S12 OR S15)
S18	6	RD (unique items)
S19	344	(S1 OR S2) AND S3
S20	5	S19 AND S6
S21	5	S20 NOT (S12 OR S15 OR S18)
S22	2	RD (unique items)
S23	44	S19 AND S7
S24	43	S23 NOT (S12 OR S15 OR S18 OR S22)
S25	32	S24 NOT PY>2000
S26	25	RD (unique items)
S27	7	(S1 OR S2) AND S8
S28	7	RD (unique items)
S29	6	S28 NOT PY>2000

12/5/1 (Item 1 from file: 35)
DIALOG(R) File 35:Dissertation Abs Online
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1052607 ORDER NO: AAD81-25962

THE DEVELOPMENT AND TESTING OF A MODEL OF STAFF TURNOVER IN PUBLIC
ACCOUNTING

Author: GUTTMANN, PAUL ESTON

Degree: PH.D.

Year: 1981

Corporate Source/Institution: UNIVERSITY OF MINNESOTA (0130)

Source: VOLUME 42/06-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 2734. 174 PAGES

Descriptors: BUSINESS ADMINISTRATION, ACCOUNTING

Descriptor Codes: 0272

This study's objective is to develop and test a conceptual framework identifying determinants of voluntary staff turnover in public accounting firms. In identifying and ranking determinants according to their ability to predict turnover variations, the theory facilitates explanation of the turnover phenomenon through a more coherent interpretation of the collected data.

A theoretical model is selected (the classic March-Simon Theory of Employee Participation), and carefully explicated, updated in the light of current research codified in the work of turnover theorist, James Price, adapted to the work environment of the public accounting firm and tested using the Rhode-Sorensen-Lawler study data base. The independent variables or determinants tested in this model include pre-job career plans, pay/importance of pay, integration, instrumental communication, centralization, non-vocational role demands, professionalism, job satisfaction and behavioral intentions. This formulation is identified as Explanation 1.

This study also tests the ability of personality and vocational interest scales to predict turnover. Specifically, the predictive ability of scales from the California Psychological Inventory and Strong Vocational Interest Blank, Explanation 2, is compared to that of the more comprehensive model of turnover developed in this investigation to determine which is more effective. A competing explanation of turnover, Explanation 3, is tested by integrating the comprehensive model of turnover (Explanation 1) with the vocational interest profiles (Explanation 2). That is, an individual differences' variable identified as need type and based on vocational interest test scores is employed to determine if the predictability between determinants and turnover is enhanced through a moderator variable.

In addition to providing three competing sets of independent variables, this study evaluates seven alternative constructions of the dependent variable for compatibility with a specific predictor variate. These constructions are grouped into four alternative methodologies: (1) length of tenure measured in months and time intervals; (2) turnover/retention utilizing two employee status categories; (3) exit interview questionnaire utilizing three employee status categories drawn from an employee, employer-and-matched employee/employer evaluation of exit conditions; and (4) voluntary turnover utilizing two employee status categories.

The data is gathered by utilizing reports of participants' current job status, test scores, and information included in several questionnaires. After gathering and categorizing this data, a multiple regression analysis is applied to determine the ability of each explanation to explain variations in each construction of the dependent variable. For Explanation 1, this analysis is extended to include both direct and

15/5/1 (Item 1 from file: 2)

DIALOG(R) File 2:INSPEC

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5519439 INSPEC Abstract Number: A9708-2844-009, C9704-7470-031

Title: Risk monitor expert system

Author(s): Kwang Nam Lee; Sun Koo Kang; Jin Kyu Han

Author Affiliation: Korea Power Eng. Co., Seoul, South Korea

Conference Title: Proceedings of the Topical Meeting on Computer-Based Human Support Systems: Technology, Methods, and Future p.194-9

Publisher: ANS, La Grange, IL, USA

Publication Date: 1995 Country of Publication: USA viii+529 pp.

ISBN: 0 89448 197 5 Material Identity Number: XX95-01025

Conference Title: Proceedings of Computer-Based Human Support Systems: Technology, Methods and Future

Conference Sponsor: ANS

Conference Date: 25-29 June 1995 Conference Location: Philadelphia, PA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Probabilistic Safety Assessment (PSA) could support safety issues during **construction** of new nuclear power plants and could also evaluate a specific plant operating conditions and test/maintenance strategies using various sensitivity studies. It is also recognized that it would be useful to develop an on-line plant risk monitoring system which provides plant risk information using an existing PSA model for plant operations and test/maintenance planning personnel. This paper describes the feature, structure, and expected use of the Risk Monitor Expert System (RMES) which is under development. The main features of the RMES are **current status monitoring**, risk evaluation, and user advisory characteristics. The RMES consists of five modules: User Interface module, PSA model module, Quantification Engine module, Plant Database module, and Expert System module. The RMES provides the plant operators with the current plant risk information, and upon request, information regarding possible plant operating strategies. Test/maintenance planning personnel would also use the RMES to establish test and maintenance plans and schedules in a similar manner as plant operators. (6 Refs)

Subfile: A C

Descriptors: diagnostic expert systems; fission reactor operation; fission reactor safety; nuclear engineering computing; probability; risk management

Identifiers: risk monitor expert system; probabilistic safety assessment; safety issues; plant operating conditions; maintenance strategies; sensitivity studies; on-line plant risk monitoring system; plant risk information; **current status monitoring**; risk evaluation; user advisory characteristics; user interface module; quantification engine module; plant database module; expert system module

Class Codes: A2844 (Fission reactor protection systems, safety and accidents); A0250 (Probability theory, stochastic processes, and statistics); C7470 (Nuclear engineering computing); C6170 (Expert systems); C1140 (Probability and statistics)

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15/5/2 (Item 2 from file: 2)

DIALOG(R) File 2:INSPEC

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4618205 INSPEC Abstract Number: C9404-7100-068

Title: Executive information systems

Author(s): Watson, H.; Walls, J.

Author Affiliation: Georgia Univ., Athens, GA, USA
Conference Title: Proceeding of the Twenty-Sixth Hawaii International Conference on System Sciences (Cat. No.93TH0501-7) p.204-5
Editor(s): Mudge, T.N.; Milutinovic, V.; Hunter, L.
Publisher: IEEE, Los Alamitos, CA, USA
Publication Date: 1993 Country of Publication: USA 4 vol.
(xvi+895+xiv+691+xiii+654+xv+889) pp.

ISBN: 0 8186 3230 5

U.S. Copyright Clearance Center Code: 0-8186-1060-3425/93/\$03.00

Conference Sponsor: ACM; IEEE

Conference Date: 5-8 Jan. 1993 Conference Location: Wailea, HI, USA

Language: English Document Type: Conference Paper (PA)

Treatment: General, Review (G)

Abstract: Information systems for management support have included management information systems (MIS), decision support systems (DSS), and executive information systems (EIS). MIS are based on theories of accounting control and anchor on internally-focused various reporting. DSS draw on theories of decision making and choice and center around the use of sensitivity analysis and **construction** of decision models. Although the core concepts which characterize EIS are less clear, an important focus is on enhancing executive effectiveness in identifying and diagnosing strategic problems and opportunities. Consequently, an EIS must facilitate both **monitoring** of the firm's **current status** and scanning of the external environment for trends and events important to its future. (0 Refs)

Subfile: C

Descriptors: decision support systems; management information systems

Identifiers: management support; management information systems; decision support systems; DSS; executive information systems; EIS; MIS; accounting control; internally-focused various reporting; sensitivity analysis; decision models; executive effectiveness; strategic problems

Class Codes: C7100 (Business and administration); C7102 (Decision support systems)

15/5/3 (Item 3 from file: 2)

DIALOG(R) File 2:INSPEC

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4444298 INSPEC Abstract Number: A9316-2940-008, B9308-7420-097

Title: **Current status of GEM: the best collider experiment at the SSC**

Author(s): Ferbel, T.

Author Affiliation: Dept. of Phys., Rochester Univ., NY, USA

Journal: Nuclear Physics B, Proceedings Supplements vol.32 p.3-12

Publication Date: May 1993 Country of Publication: Netherlands

CODEN: NPBSE7 ISSN: 0920-5632

U.S. Copyright Clearance Center Code: 0920-5632/93/\$06.00

Conference Title: Third International Conference on Advanced Technology and Particle Physics

Conference Sponsor: INFN; Univ. Florence

Conference Date: 22-26 June 1992 Conference Location: Como, Italy

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Practical (P)

Abstract: A broadly based international collaboration has been formed in order to exploit the physics opportunities offered by the **construction** of the SSC. Although the GEM detector will emphasize precise measurement of muons, electrons and photons it will also provide excellent hadron calorimetry and **tracking**. The **current status** of the experiment and the anticipated capabilities of the GEM detector are reviewed briefly. (7 Refs)

Subfile: A B
Descriptors: proportional counters; scintillation counters
Identifiers: GEM detector; muons; electrons; photons; hadron calorimetry
Class Codes: A2940M (Scintillation detectors; scintillators and photomultipliers); A2940C (Proportional counters; multiwire proportional chambers); B7420 (Particle and radiation detection and measurement)

15/5/4 (Item 4 from file: 2)

DIALOG(R) File 2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

03698891 INSPEC Abstract Number: B90058469, C90060217
Title: The ESA Communications-Satellite Monitoring Facility (CSMF) - current 1 status
Author(s): Garner, J.T.
Author Affiliation: Communi. Satellites Dept., ESA, ESTEC, Noordwijk, Netherlands
Journal: ESA Journal vol.14, no.1 p.121-7
Publication Date: 1990 Country of Publication: Netherlands
CODEN: ESAJDW ISSN: 0379-2285
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: The ESA Communications Satellite Monitoring Facility (CSMF) allows engineers who have been involved in and responsible for a satellite's development and **construction** to follow its orbital operations. The engineers who use the CSMF enjoy the same interface with the satellite as they had during its **construction**. This user interface is provided by the European Test Operations language (ETOL), which allows the re-use of spacecraft control-system software during pre- and post-launch satellite operations. (1 Refs)
Subfile: B C
Descriptors: aerospace computing; aerospace test facilities; computerised monitoring; ground support systems; user interfaces
Identifiers: pre-launch satellite operations; aerospace test facilities; ESA Communications-Satellite Monitoring Facility; user interface; European Test Operations language; spacecraft control-system software; post-launch satellite operations
Class Codes: B7650E (Space ground support centres); B7210B (Automatic test and measurement systems); B7620 (Aerospace test facilities and simulation); C7460 (Aerospace engineering); C7410H (Instrumentation); C6180 (User interfaces)

15/5/5 (Item 5 from file: 2)

DIALOG(R) File 2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

03405655 INSPEC Abstract Number: C89044861
Title: Conceptual design of an automated real-time data collection system for labor-intensive construction activities
Author(s): Thomas, H.R.; Smith, G.R.
Author Affiliation: Pennsylvania State Univ., University Park, PA, USA
Conference Title: Fourth International Symposium on Robotics and Artificial Intelligence in Building Construction p.849-62 vol.2
Publisher: Technion, Haifa, Israel
Publication Date: 1988 Country of Publication: Israel 2 vol. (xxxv+vii+918) pp.
Conference Date: 22-25 June 1987 Conference Location: Haifa, Israel
Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P)

Abstract: A conceptual model of a **real - time automated data acquisition system for monitoring labor-intensive construction activities** is described. The system is in the very early stages of development, so system requirements and phase 1 development plans are outlined. The authors address the types of data necessary for evaluating labor-intensive **construction** activities. They focus on potential technological solutions that may address the process of gathering data related to these information needs. (0 Refs)

Subfile: C

Descriptors: building; data acquisition; real-time systems

Identifiers: automated real-time data collection system; conceptual model ; real-time automated data acquisition system; labor-intensive **construction** activities; system requirements; phase 1 development plans; potential technological solutions; information needs

Class Codes: C7440 (Civil and mechanical engineering); C3330 (Building and civil engineering); C6130 (Data handling techniques); C3210G (Data acquisition systems)

15/5/6 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

03178168 INSPEC Abstract Number: A88090592

Title: Radiological characterization-strategy to avoid surprise (decommissioning)

Author(s): Haywood, F.F.; Brown, J.A.

Author Affiliation: Eberline Analytical Corp., Oak Ridge, TN, USA

Conference Title: Proceedings of the 1987 International Decommissioning Symposium (CONF-871018) p.IV/339-49 vol.2

Editor(s): Tarcza, G.A.

Publisher: NTIS, Springfield, VA, USA

Publication Date: 1987 Country of Publication: USA 2 vol. (xvii+533+vi+697) pp.

Conference Sponsor: USDOE

Conference Date: 4-8 Oct. 1987 Conference Location: Pittsburgh, PA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Radiological characterizations are designed to gather information about the **current status** of a property, or site. Site, as used here, represents a parcel of open land, or one with improvements. The authors address radiological characterizations, specifically those which are a part of major remedial action programs. The principal objective of this work is to determine the distribution of contaminants within the area around a site boundary. Results may be required as input for engineering assessments and for remedial action design. Inadequately planned and executed characterizations can lead to inaccurate estimates of waste volumes, to expanded field measurements, and to delays in **construction**. Since funding for all remedial activities is shared, there is a strong incentive to make efficient use of available resources. TMA/Eberline Analytical has over 15 years experience in providing radiological support for remedial actions including the clean up of nuclear weapon test areas, uranium processing facilities, and other radiologically contaminated structures. The authors believe that careful consideration of the discussions presented will help to minimize surprises once remedial action begins. (4 Refs)

Subfile: A

Descriptors: radiation decontamination; radiation protection

Identifiers: decommissioning; radiological characterizations; remedial

action programs; contaminants; field measurements; radiological support; nuclear weapon test areas; uranium processing facilities; radiologically contaminated structures

Class Codes: A2880 (Radiation technology, including shielding)

15/5/7 (Item 7 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

02333147 INSPEC Abstract Number: A84106722

Title: The monitored retrievable storage program: current status

Author(s): Hall, R.J.

Author Affiliation: Battelle-Pacific Northwest Labs., Richland, WA, USA

Journal: Transactions of the American Nuclear Society vol.46 p.136

Publication Date: 1984 Country of Publication: USA

CODEN: TANSAO ISSN: 0003-018X

Conference Title: 1984 Annual Meeting of the American Nuclear Society

Conference Sponsor: ANS

Conference Date: 3-7 June 1984 Conference Location: New Orleans, LA, USA

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: General, Review (G)

Abstract: The Nuclear Waste Policy Act (NWPA) of 1982 defines the federal policy for management of radioactive waste from commercial nuclear power generation. This policy is based on the provision of mined geologic repositories for the ultimate disposal of these wastes. However, the Act also requires the US Department of Energy (DOE) to study the need for, and the feasibility of, monitored retrievable storage (MRS) and to submit to Congress a proposal for the construction of one or more MRS facilities for high-level waste (HLW) and spent fuel. There are a number of possible missions for MRS. The one selected by the DOE as a baseline mission is that of providing temporary storage of commercial spent fuel and nuclear waste under controlled and monitored conditions in the event that mined geologic repositories are not available at the time DOE is to begin receiving waste.

Subfile: A

Descriptors: radioactive waste; waste disposal

Identifiers: retrievable storage program; status; federal policy; management; radioactive waste; commercial nuclear power generation; mined geologic repositories; temporary storage; spent fuel

Class Codes: A2842K (Radioactive wastes)

15/5/8 (Item 8 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

02024687 INSPEC Abstract Number: A83039943

Title: Kanto-Tokai observation network of crustal activities-National Research Center for Disaster Prevention

Author(s): Hamada, K.; Otake, M.; Okada, Y.; Matsumura, S.; Yamamizu, F.; Sato, H.; Imoto, M.; Tatsukawa, M.; Ohkubo, T.; Yamamoto, E.; Ishida, M.; Kasahara, K.; Katsuyama, Y.; Takahashi, H.

Journal: Zisin. Journal of the Seismological Society of Japan vol.35, no.3 p.401-26

Publication Date: Sept. 1982 Country of Publication: Japan

CODEN: ZISIA5 ISSN: 0037-1114

Language: English Document Type: Journal Paper (JP)

Treatment: New Developments (N); Practical (P)

Abstract: The National Research Center for Disaster Prevention (NRCDP) is

constructing a large scale network for observation of microearthquakes and ground tilt in the Kanto-Tokai area, as a part of the national program of earthquake prediction. The number of observation stations will total 66. NRCDP started the construction of three deep borehole observatories in and around Tokyo in 1970. Those deep borehole observatories are included in the new network of the Kanto-Tokai area together with other existing observation stations of NRCDP. All data are transmitted through telephone lines to NRCDP in the Tsukuba Science City by the Pulse Code Modulation Method. Application of new techniques such as network timing synchronization and high density transmission of digital data distinguishes the present telemetry system. Stress is put on data processing systems as a prediction-oriented system. A computer system which is directly connected to the telemetry system carries out the filing of records and monitoring of crustal activities on a real - time basis. (17 Refs)

Subfile: A

Descriptors: geodesy; geophysical equipment; geophysical techniques; seismology

Identifiers: seismicity; seismology; Japan; seismology; seismological network; geodesy; transmission; network; National Research Center for Disaster Prevention; microearthquakes; ground tilt; Kanto-Tokai area; earthquake prediction; borehole; data

Class Codes: A9110 (Geodesy and gravity); A9130 (Seismology); A9130P (Phenomena related to earthquake prediction); A9330D (Asia); A9330K (Islands); A9365 (Data acquisition and storage); A9385 (Instrumentation and techniques for geophysical research)

15/5/9 (Item 1 from file: 99)

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs
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1847152 H.W. WILSON RECORD NUMBER: BAST99011362

New ocean survey technology may change subsea positioning

Offshore (Tulsa, Okla.) v. 59 no1 (Jan. '99) p. 139

DOCUMENT TYPE: Feature Article ISSN: 0030-0608 LANGUAGE: English

RECORD STATUS: Corrected or revised record

ABSTRACT: Subsea construction, inspection, and mapping have become significantly more accurate and visual through a combination of StarFix.Nav, the use of the Global Positioning System, subsea acoustic positioning systems, and the latest PC-based visualization tools. These new tools offer a unique combination of features to perform almost any ocean-based activity in a fast, safe, and cost-effective manner. They are widely accepted as the key to real - time monitoring of subsea activities, directly from the manager's desktop computer.

DESCRIPTORS: Scientific visualization; Underwater imaging systems; Submersibles--Remote control;

15/5/10 (Item 1 from file: 583)

DIALOG(R)File 583:Gale-Group-Globalbase(TM)
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09286762

Rlys draw up plan for Sealdah upgraftation

INDIA: EASTERN RAILWAY TO INFUSE RS 80 CRORE

Times of India (TSI) 03 May 2000 p.11

Language: ENGLISH

In a bid to ease congestion at the Dum Dum junction which is constantly used by both the Express trains and the Mail trains, Eastern Railway of India is planning to build a railway flyover at the junction. In addition, two more rail lines would be added to the **current four tracks** at the area. The uplifting **work** is expected to cost the railway authorities a sum of RS 80 crore. Nevertheless, the upgradation work is needed in order to ensure the timeliness of the soon-to-be-introduced Express trains of the Sealdah-New Delhi Rajdhani route. The proposed new railway tracks will link the Bidhannagar station and Sealdah station in India. Other important projects in West Bengal (India) concerning the railways are Circular Railway's Tallah-Princep Ghat section electrification project, laying railway tracks from Dum Dum to the airport and to Majherhat from Princep Ghat, laying new track at Digha-Tamluk and the Sealdah passenger terminal.

COMPANY: CIRCULAR RAILWAY; EASTERN RAILWAY
PRODUCT: Railways Construction (1623RC); Rail Transport (4010);
EVENT: Capital Expenditure (43);
COUNTRY: India (9IND);
?

18/5/1 (Item 1 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

7951243

Title: Getting on top of it [IT governance in banking]

Author(s): Goodbody, M.

Journal: Banking Technology vol.20, no.7 p.16-20

Publisher: IBC Business Publishing,

Publication Date: Sept. 2003 Country of Publication: UK

CODEN: BATEEM ISSN: 0266-0865

SICI: 0266-0865(200309)20:7L.16:GGB;1-H

Material Identity Number: K580-2003-007

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Following a decade of overspending and under-management, IT governance has now become one of the burning issues. This article looks at how banks have moved to control their spend and what technology can do to help. There is no easy fix to reach good IT governance, however. Good IT governance must be implemented top down. The creation of an IT committee to evaluate higher level technology prospects one change. The periodical review of the projects is the new trend as the science of IT governance becomes more precise. Bringing portfolio management with **project management** and finance packages can **track the progress in real time**.

Subfile: D

Descriptors: bank data processing; DP management; **project management**

Identifiers: IT governance; periodical review; portfolio management; **project management**; finance packages; banking

Class Codes: D2050E (IT in banking); D5000 (Office automation - computing); D1000 (General & Management aspects of Information Technology)

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18/5/2 (Item 2 from file: 2)

DIALOG(R) File 2:INSPEC

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7724460

Title: At your services [professional services automation]

Author(s): Cobbald, T.

Journal: Financial Management p.32-3

Publisher: Chartered Inst. Manag. Accountants,

Publication Date: March 2003 Country of Publication: UK

CODEN: FMLUBJ ISSN: 1471-9185

Material Identity Number: N739-2003-002

Language: English Document Type: Journal Paper (JP)

Treatment: Theoretical (T)

Abstract: Professional services automation (PSA) brings the same levels of management control and information to professional services organisations as manufacturing, logistics and retail firms possess. A PSA solution may include a Web-based portal, giving employees access to timesheets, expense forms and reports specific to their work; a method of giving customers access to data that concerns them; optional off-line time-and-expense entry to allow staff to enter information when they are away from an Internet connection; workflow systems that allow managers to **track** timesheets, expenses and invoices; specialised invoicing functionality; estimation of the time that will be spent on specified tasks; resource planning; **project management**; management information tools; and integration with accounting systems.

Subfile: D
Descriptors: commerce; management information systems
Identifiers: professional services automation; PSA; management control; management information; management IS; professional services organisations; Web-based portal; timesheets; expense forms; off-line time-and-expense entry; workflow systems; timesheet tracking; expenses tracking; invoice tracking; time estimation; resource planning; **project management**; management information tools; accounting system integration
Class Codes: D2010 (Business and professional IT applications)
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18/5/3 (Item 3 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

5996489 INSPEC Abstract Number: B9809-0170-007
Title: A concurrent workflow management process for integrated product development

Author(s): Prasad, B.; Fujun Wang; Jiati Deng
Author Affiliation: CERA Inst., West Bloomfield, MI, USA
Journal: Journal of Engineering Design vol.9, no.2 p.121-35
Publisher: Carfax,
Publication Date: June 1998 Country of Publication: UK
CODEN: JEDSEW ISSN: 0954-4828
SICI: 0954-4828(199806)9:2L.121:CWMP;1-B
Material Identity Number: N501-98002
U.S. Copyright Clearance Center Code: 0954-4828/98/\$7.00
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: This paper describes a systematic concurrent workflow management (WM) process for integrated product development. WM consists of planning and scheduling teams activities to support cooperative and concurrent works. This paper first explains process re-engineering, flowcharting and various workflow practices in concurrent engineering (CE) to come up with a general process for WM. The WM process is based on an information infrastructure containing models of product requirements, enterprise organization and resources, including the workflow activity. Finally, technologies supporting WM such as work process modeling, performance analyzing, process re-engineering strategies to redesign the process and **activity management- real - time tasks monitoring** - are introduced. (23 Refs)

Subfile: B
Descriptors: human resource management; planning; product development; **project management**; research and development management
Identifiers: concurrent workflow management process; integrated product development; teams activities; planning; scheduling; cooperative work; process re-engineering; flowcharting; workflow practices; concurrent engineering; information infrastructure; product requirements; enterprise organization; performance analysis; work process modeling; process re-engineering strategies; activity management; real-time tasks monitoring

Class Codes: B0170 (Project and production engineering); B0140 (Administration and management)
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18/5/4 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01428855 ORDER NO: AADAA-I9528122

COMPUTER INTEGRATED MANUFACTURING TECHNOLOGY APPLIED TO INDUSTRIAL
WASTEWATER PRETREATMENT PROCESS MANAGEMENT FOR SMALL-SCALE FACILITIES

Author: YADAV-OLNEY, SHEELA NILAM

Degree: PH.D.

Year: 1994

Corporate Source/Institution: UNIVERSITY OF MISSOURI - ROLLA (0135)

Adviser: YILDIRIM "BILL" OMURTAG

Source: VOLUME 56/04-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 2302. 98 PAGES

Descriptors: ENGINEERING, SYSTEM SCIENCE; ENGINEERING, CIVIL;
ENGINEERING, INDUSTRIAL

Descriptor Codes: 0790; 0543; 0546

Degradation of water quality due to industrial use has become a problem that the U.S. Environmental Protection Agency is working to combat. Based on extensive literature survey, it has been found that although industrial wastewater pretreatment methods, advanced toxicity monitoring instrumentation, and process control technology exist, monitoring and feedback control of wastewater pretreatment systems have been limited to large scale facilities. A need exists in smaller facilities to effectively reduce or eliminate industrial water pollutants, which has not been met without adequate monitoring and control of wastewater effluent.

This study aims to identify the **current status** of wastewater **monitoring** instrumentation and control technology, and, using a generally accepted scheme for system design, to present a generic model of how industry could utilize such technology in advancing the automation of wastewater pretreatment systems for smaller scale facilities. The model includes an identification of system parameters, as well as guidelines for economic justification of costs and **project management** techniques for implementation.

The generic model has been applied to a specific case of the White Rose Laundry facility for illustrative purposes. Recommendations have been made on how to improve the current system design by adding the elements of automated monitoring and feedback control. **Project management** guidelines for implementation have also been provided.

Conclusions are drawn regarding the net positive impact that advancing current system designs for industrial wastewater pretreatment in smaller scale facilities would yield. Implications for future research are also provided.

18/5/5 (Item 1 from file: 99)

DIALOG(R) File 99:Wilson Appl. Sci & Tech Abs

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2631092 H.W. WILSON RECORD NUMBER: BAST03139026

Virginia DOT Launches Online Project Tracking System

Shuster, Laurie A;

Civil Engineering (American Society of Civil Engineers) v. 73 no5 (May 2003) p. 39

DOCUMENT TYPE: Feature Article ISSN: 0885-7024 LANGUAGE: English

RECORD-STATUS:--Corrected--or--revised--record

ABSTRACT: The Virginia Department of Transportation (VDOT) has launched a publicly accessible **web site** that **tracks** the **status** of ongoing and future projects. The system was originally designed as an internal tracking mechanism for **project managers** within the VDOT. The VDOT projects are tracked using 4 milestones identified as advertising date, contract deadlines, construction award, and work orders. According to Connie Sorrell of VDOT, the site aims to give the state's residents better

access to information about current projects.

DESCRIPTORS: Urban transportation--Internet resources;

18/5/6 (Item 1 from file: 233)

DIALOG(R) File 233:Internet & Personal Comp. Abs.
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00604466 00EW06-214

Crunching at Web speed -- Got 120 million forms to process? Web-based work analysis gets data centers deployed faster

Vaas, Lisa

eWeek , June 19, 2000 , v17 n25 p70-83, 2 Page(s)

ISSN: 0740-1604

Company Name: Lockheed Martin; Metier

Product Name: WorkLenz

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Describes the deployment of Web-based work analysis tools at Lockheed Martin Corp. of Bethesda, MD. Reports that Lockheed recognized that the clock would tick faster as it neared completion of the massive Data Capture System 2000 project that entailed setting up four data processing centers in the United States that would process 120 million census forms on behalf of the Census Bureau. Says that Metier Ltd.'s WorkLenz is an application service provider-hosted, Internet-based tool that tracks and analyzes work activity, flags problems, and models project successes. Explains that Lockheed's success in establishing the four data centers on time is attributed to the shifting of project management to an online collaborative form. Points out that the data centers are in Baltimore, MD, Jefferson, IN, Pomona, CA, and Phoenix, AZ. Includes a photo and a sidebar. (MEM)

Descriptors: Workflow; Online Transaction Processing; Forms; Federal Government; Application Service Providers; Information Management;

Project Management

Identifiers: WorkLenz; Lockheed Martin; Metier

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22/5/1 (Item 1 from file: 2)

DIALOG(R) File 2:INSPEC

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4433740

Title: **Expedition 4.0** (project management software)

Author(s): Medlock, J.W., Jr.

Journal: Cost Engineering vol.35, no.4 p.11

Publication Date: April 1993 Country of Publication: USA

CODEN: CSTEDM ISSN: 0274-9696

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P); Product Review (R)

Abstract: Expedition is a contract control software distributed by Primavera Systems which allows you to track project costs (from bids and quotations to budget cost to actual cost), create payment requisitions (for prime or **subcontractors**), create change orders, log submittals (and link them to Primavera schedule activities), follow meeting minutes, record phone conversations, create transmittal letters, keep notes on project **activities** , **track** material delivery, log correspondence, **track** daily project reports, and many other things. Some of the new features in Expedition version 4.0 include full network support, Post Script printing, the ability to link directly to P3 schedules, pull-down menus, expanded printing options, and a built-in word processor (with spell checker). (0

Refs)

Subfile: D

Descriptors: **project management** ; software packages

Identifiers: Expedition 4.0; **project management** software; contract control; Primavera Systems

Class Codes: D2010 (Business and professional)

22/5/2 (Item 1 from file: 233)

DIALOG(R) File 233:Internet & Personal Comp. Abs.

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00633100 01PI06-045

Bricks 'n clicks

Stevens, Lawrence

PC Magazine , June 12, 2001 , v20 n11 piBiz22, 1 Page(s)

ISSN: 0888-8507

Company Name: Beers Construction; e-Builder

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Discusses the electronic commerce initiative of Old Economy builder Beers Construction Company. Reports that Beers hired application service provider (ASP) e-Builder, whose online program TeamBuilder is aimed at streamlining collaboration in large-scale **construction projects** . Says that for each **project** , Beers sets up a TeamBuilder Web site that serves as a repository for storing every document that the project generates, such as engineering and architectural drawings, e-mail messages, calendars, legal contracts, requests for information, and more. Mentions that the site helps resolve problems more quickly and automates and **tracks workflow** as well. Explains that the next step for Beers is using its accumulated data to ferret out unreliable **subcontractors** and suppliers. Includes a photo and a screen display. (MEM)

Descriptors: **Construction** ; Collaboration; **Project Management** ;

Online Systems; Document Management System; Corporate Strategy

Identifiers: Beers Construction; e-Builder

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26/5/1 (Item 1 from file: 256)
DIALOG(R) File 256:TecInfoSource
(c)2004 Info.Sources Inc. All rts. reserv.

00125868 DOCUMENT TYPE: Review

PRODUCT NAMES: ProjectCenter 3.0 (799238)

TITLE: Online building wins with Project Center
AUTHOR: Mitchell, Lori
SOURCE: InfoWorld, v22 n38 p80(1) Sep 18, 2000
ISSN: 0199-6649
HOMEPAGE: <http://www.infoworld.com>

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: B

Bricsnet's ProjectCenter 3.0, a project collaboration toolset specifically designed for **contractors**, architects, and engineers, gets very good marks overall, especially for ease of use, support for many document types, no required hardware or software, and support for multiple languages. However, no conferencing tools or document version tracking tools are provided. With Bricsnet **Project** Center 3.0, **construction** crews can collaborate from a Web site to share documents and drawings through a Java-based Web browser. Team participants can have threaded discussions and redline architectural drawings online to significantly enhance efficiency and save time. Competing projects include Project Point, which is priced similarly and has a comparable feature set. However, Project Center charges for storage over 100MB and under 1GB, while Project Center 3.0 charges by the month, supports unlimited numbers of users, provides unlimited included storage, and has a larger feature set. Documents for managing a large construction site are provided, including field forms for **tracking** issues, reporting site **status**, and submitting requests for information and architects supplement instructions. Testers had no problem viewing detailed drawings, and could zoom in to see details and turn layers off. They could also add comments to shared documents, but were not able to view files concurrently with other users, which was a drawback.

COMPANY NAME: Bricsnet US (678643)
SPECIAL FEATURE: Charts
DESCRIPTORS: Architects; ASP (Application Service Providers); CAD;
Conferencing; Construction; Document Management; Foreign Language
Packages; Groupware; Intranets; **Project Management**
REVISION DATE: 20001130

26/5/2 (Item 2 from file: 256)
DIALOG(R) File 256:TecInfoSource
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00122629 DOCUMENT TYPE: Review

PRODUCT NAMES: Project Management (830037); MIS (836893)

TITLE: Professional Services Automation: The Next Generation of Project...
AUTHOR: Rosinski, Michael
SOURCE: Enterprise Systems Journal, v15 n1 p47(2) Jan 2000
ISSN: 1053-6566
HOMEPAGE: <http://www.esj.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

The next generation of **project management** software will help address problems caused by lack of trained IT professionals in professional service organizations (PSOs). In 1999, for instance, about 400,000 IT positions were expected to remain unfilled. Resource utilization among PSOs is on average between 60 and 65 percent, but this percentage can be increased when the right tools are used. A new category of applications called professional services automation (PSA) solutions is evolving, and could optimize resources. Such products assist PSOs in the areas of resource optimization, which includes assignment of appropriate people to projects and **tracking** their **activities**; managing mission-critical processes of the engagement life cycle; and capturing and optimizing the effectiveness of corporate intellect, or the rights-and-wrongs or corporate activities, via central access to history, including structured notes. PSA solutions differ from traditional **project management** tools in that PSA solutions emphasize resources instead of tasks, and can consider multiple characteristics beyond job description and hourly rate when describing a resource. PSA solutions allow each resource in an organization to be described using multiple attributes, so that managers can utilize an enterprisewide talent pool of **workers** who meet all the criteria needed for a project. PSAs are also useful during implementation and team-selection/development cycles, and allow users to capture and retrieve best practices templates and information.

COMPANY NAME: Vendor Independent (999999)
DESCRIPTORS: Expert Systems; IT Management; Network Administration;
Network Software; **Project Management**; Technical Support
REVISION DATE: 20020630

26/5/3 (Item 3 from file: 256)
DIALOG(R) File 256:TecInfoSource
(c)2004 Info.Sources Inc. All rts. reserv.

00118557 DOCUMENT TYPE: Review

PRODUCT NAMES: Tenrox Timesheet (770141); TimeSheet Professional 6.5
(251542)

TITLE: Automated Time-Trackers
AUTHOR: Feibus, Andy
SOURCE: Information Week, v742 p53(3) Jul 5, 1999
ISSN: 8750-6874
HOMEPAGE: <http://www.informationweek.com>

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: B

Tenrox's Office Timesheet 2000 and Sage Timeslips' Timesheet Pro 6.5 are reviewed time and project tracking products. Effective time-tracking systems allow users to record the hours they've worked on a specific project and to **track** **employees**' **activities** in various locations, update project time lines in **project management** tools, exchange paycheck information with payroll software, and allow **employees** to enter expense-report information to be processed as part of a standard payroll

run. Office Timesheet 2000 is the more effective product, but neither product can fill all users' needs. Office Timesheet 2000 has an intuitive interface and a large feature set, including budget tracking and e-mail notifications. No significant drawbacks were detected during testing. Without features planned by the vendor for implementation, it is not recommended for managing hourly assembly line **workers**, who simply clock in and out for the day, but do not need the other project time-tracking features. TimeSheet Professional has many configuration settings, but is hard to use, and configuration is complex. Among configuration options provided are the abilities to define holidays, task rules, pay rules, and application terms. Functions include billing hours to clients, projects, or particular activities. Users can configure TimeSheet Pro to support only desktop databases or as a client application. Only Windows 95/98/NT are supported for clients. Both products' reporting is provided by Seagate Crystal Reports.

COMPANY NAME: Tenrox (667897); Best Software Inc (112178)

SPECIAL FEATURE: Screen Layouts Charts

DESCRIPTORS: IBM PC & Compatibles; Professional Time & Billing; Time Management; Windows; Windows NT/2000

REVISION DATE: 20031222

26/5/4 (Item 4 from file: 256)

DIALOG(R) File 256:TecInfoSource

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00117270 DOCUMENT TYPE: Review

PRODUCT NAMES: Novient 4.0 (759406)

TITLE: Tracking service resources

AUTHOR: Madden, John

SOURCE: PC Week, v16 n23 p57(2) Jun 7, 1999

ISSN: 0740-1604

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Novient's Novient 4.0, a set of Web-enabled professional services automation software tools, allows service companies to **monitor** and **track** such **activities** as projects, consultants' time on such projects, consultants' levels of expertise, and available company resources. The software is designed specifically to provide this information for professional consultancies and services in multiple evolving and expanding industries. The global market for consulting and IT services that target professional service companies will more than double from \$300 billion in 1998 to \$630 billion by 2002, according to Dataquest's estimates. Novient 4.0 has the new Decision Dashboard user interface, which gives managers customized summary information as to what resources and consultants are available. The software shows information describing each consultant or each project separately, including what percentage of a consultant's time is spent on a particular client. This information allows a professional services manager to determine, for example, whether a consultant can be assigned to an additional project. Users can either outsource hosting to Novient or host it internally with access through the company's intranet. An analyst indicates that products such as Novient 4.0 represent a sea change in the management of internal processes by consulting companies.

COMPANY NAME: Novient Inc (664693)

SPECIAL FEATURE: Screen Layouts

DESCRIPTORS: Employee Supervision; IBM PC & Compatibles; Intranets; IT Management; Program Development; Project Management ; Service Industries

REVISION DATE: 20010130

26/5/5 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

6135324 INSPEC Abstract Number: C1999-02-1290F-100

Title: Information transfers as a metric for engineering processes

Author(s): Klapsis, M.P.; Thomson, V.
Author Affiliation: Dept. of Mech. Eng., McGill Univ., Montreal, Que., Canada

Conference Title: Computer Applications in Production and Engineering.
IFIP TC5 International Conference on Computer Applications in Production and Engineering (CAPE'97) p.248-58

Editor(s): Plonka, F.; Olling, G.
Publisher: Chapman & Hall, London, UK
Publication Date: 1997 Country of Publication: UK xii+740 pp.
ISBN: 0 412 82110 9 Material Identity Number: XX-1998-02538

Conference Title: Proceedings of Computer Applications in Production and Engineering

Conference Sponsor: Soc. Manuf. Eng.; North American Manuf. Res. Inst
Conference Date: 5-7 Nov. 1997 Conference Location: Detroit, MI, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Applications (A); Practical (P)

Abstract: Engineering processes have been studied to understand better knowledge work processes, the scheduling of work, and the effects of certain engineering practices. The concept of using information transfers as a measure of the performance of knowledge work processes was developed. Most engineering projects are oriented towards producing deliverables. Work is organized by dividing projects into arbitrary work packages for assembly into some type of product. However, the focus on a small number of widely spaced deliverables makes it very difficult to measure project progress and work process performance due to the lack of suitable performance indicators. The tracking of the transfer of information used to complete work provides an excellent measure of both project and process performance. Since engineering (knowledge work) is information-intensive, the movement of information from one worker to another provides an excellent measure of task completion. An engineering design project was studied; the tracking of key information transfers showed project progress and provided insight into performance. The metric also aided analysis of resource loading and project timeliness. While only studied for engineering processes, information transfers should be a useful metric to track progress and to predict task completion in any information-intensive process. (6 Refs)

Subfile: C
Descriptors: computer aided production planning; information use;
project management ; scheduling
Identifiers: information_transfers; metric; engineering_processes;
knowledge work processes; scheduling; engineering projects; deliverables;
work packages; assembly; product; process performance; project performance;
resource loading; project timeliness; progress tracking ; task
completion prediction

Class Codes: C1290F (Systems theory applications in industry); C7160 (Manufacturing and industrial administration); C7480 (Production engineering computing); C7220 (Generation, dissemination, and use of information)

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26/5/6 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

04322864

Title: Masterly management: ManagePro 1.0

Author(s): McCune, J.C.

Journal: Success vol.39, no.9 p.40

Publication Date: Nov. 1992 Country of Publication: USA

CODEN: SUCSEY ISSN: 0745-2489

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P); Product Review (R)

Abstract: It's a management coach and adviser on disk: ManagePro actually teaches you management principles as it helps you keep track of your people's progress and gain on your goals. The program is tailor-made for the entrepreneur who needs to delegate crucial aspects of his operation to employees, but doesn't want details slipping through the cracks. It's a new breed of program: part project manager, part brainstorming tool, part personnel adviser. (0 Refs)

Subfile: D

Descriptors: personnel; project management; software packages

Identifiers: ManagePro; program; project manager; brainstorming; personnel adviser

Class Codes: D2110 (Personnel); D2010 (Business and professional)

26/5/7 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

04131224

Title: Refining the process of project control

Author(s): Hickman, A.M.

Author Affiliation: M.W. Kellogg Co., Houston, TX, USA

Journal: Production & Inventory Management vol.12, no.2 p.26, 29

Publication Date: Feb. 1992 Country of Publication: USA

CODEN: PINMEM ISSN: 1057-2341

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G)

Abstract: A technology-based subsidiary of Dresser Industries Inc., M.W. Kellogg is one of the world's leading engineering contractors, with projects covering a broad range of process markets. The mechanism developed to support its complex project control system is called IPCS (Integrated Project Control System). Created in 1984, IPCS is a status - monitoring and reporting tool that maintains and manages information associated with the project control functions of scheduling, estimating, cost, and material control-in one common database. After evaluating several systems, the firm selected Artemis, a project control software program from Lucas Management Systems. Built around a fourth generation language, Artemis is a total project management system that provides built-in facilities for time analysis, scheduling, aggregation, networking and barchart drawing. The project control department can access the worldwide system through a LAN or modem which provides access to the HP, the VAX, or an IBM mainframe. (0 Refs)

Subfile: D

Descriptors: project engineering; scheduling; software packages

Identifiers: status monitoring tool; status reporting tool; project control; Integrated Project Control System; scheduling; material control;

Artemis; software program; Lucas Management Systems; fourth generation language; time analysis; aggregation; networking; barchart drawing
Class Codes: D2010 (Business and professional)

26/5/8 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

03181826 INSPEC Abstract Number: D88002180

Title: Efficient to the corps (project management)

Author(s): Hindus, L.A.

Journal: Government Data Systems vol.17, no.2 p.26-9

Publication Date: April 1988 Country of Publication: USA

CODEN: GVDSBD ISSN: 0046-6212

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Government agencies are often faced with a unique dilemma: how to require their **contractors** to support a high level of technology without endorsing a specific software package. The US Army Corps of Engineers recently developed an innovative solution to this problem. When using PlanTRAC, a CPM (Critical Path Method) **project management** software package to **track progress** on a project, it specified a standard data format so that its **contractors** didn't simply need to use a specific software package. The Corps required **contractors** to provide updates in the form of formatted ASCII (American Standard Code for Information Interface) files on floppy disks. (0 Refs)

Subfile: D

Descriptors: critical path analysis; military computing; project engineering; public administration

Identifiers: **project management**; government agencies; US Army Corps of Engineers; PlanTRAC; CPM; Critical Path Method; software package; standard data format; **contractors**; ASCII

Class Codes: D2120 (Public administration and law)

26/5/9 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

02321557 INSPEC Abstract Number: B84050406

Title: Role of the consultant in offshore oil industry projects

Author(s): Head, J.F.

Author Affiliation: Ewbank Preece Oil & Gas Ltd., Brighton, UK

Journal: IEE Proceedings A (Physical Science, Measurement and Instrumentation, Management and Education, Reviews) vol.131, no.6 p. 397-405

Publication Date: Aug. 1984 Country of Publication: UK

CODEN: IPPRDI ISSN: 0143-702X

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G)

Abstract: The complete process of evaluation, planning, design, **construction** and installation of an offshore **project** requires the combined skills of a wide range of engineering disciplines. With the growth of the offshore industry the consulting engineer has found himself increasingly involved in all aspects of offshore engineering, from the preparation of the initial feasibility studies to the provision of assistance in the operation of the completed facilities. The consulting engineer's primary role is to provide advice, usually in the form of a feasibility study. When the project proceeds, the role of the consulting

engineer may include preparation of the conceptual design, specification writing and detailed engineering design, tender preparation, evaluation and advice on selection of the **contractor**. The consultant may also be called upon to provide **project management** services, **monitoring progress** and costs and verifying performance against specification, during the detailed engineering and **construction** stages of the **project**, and to provide advice and assistance during commissioning. Other specialist services provided may include technical audits, hazard analysis and safety audits, environmental studies, survey and inspection services, quality assurance and certification and provision of training courses for the client's personnel. Participation in these highly complex and costly developments promises to expand the role of the consulting engineer. (5 Refs)

Subfile: B

Descriptors: design engineering; management; oil technology; project engineering

Identifiers: project engineering; consultant; offshore oil industry projects; evaluation; planning; construction; installation; feasibility studies; specification writing; engineering design; tender preparation; **project management** services; technical audits; hazard analysis; safety audits; environmental studies; inspection services; quality assurance

Class Codes: B0140 (Administration and management); B0170C (Project and design engineering)

26/5/10 (Item 6 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

02197248 INSPEC Abstract Number: D84000503

Title: **Engineering better times to beat the oil blues**

Author(s): Wright, L.

Journal: Computing p.28-9

Publication Date: 26 Jan. 1984 Country of Publication: UK

CODEN: CPTGB5 ISSN: 0144-3097

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G)

Abstract: The scope of Comprimo's work ranges from process design packages up to turnkey projects with Comprimo acting either as main **contractor** or jointly with other companies. As a result of the need for increasing efficiency, the company has been rapidly developing its data processing facilities. The DP department, which consists of 20 people in software development and operations, has a Prime 750 minicomputer, plus two 2250s, which are all linked by Primenet. One 2250 runs the plant design system and the other machine runs **project management** and systems control. The **project management** system has been improved by the acquisition of the Track 50 system from the Canadian software house, Sydney Developments. In the oil industry where contracts can be worth Pounds 50 million or more, reliable, cost effective **monitoring** of that **work** is essential and investment in hardware and software is paying handsome

dividends for Comprimo. (0 Refs)

Subfile: D

Descriptors: administrative data processing; contracts; petroleum industry

Identifiers: process design packages; turnkey projects; Comprimo; contractor; data processing; software development; operations; Prime 750 minicomputer; Primenet; plant design; project management; systems control; Track 50 system; Sydney Developments; oil industry; contracts; monitoring

Class Codes: D2070 (Industrial and manufacturing)

26/5/11 (Item 1 from file: 35)

DIALOG(R) File 35:Dissertation Abs Online

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930192 ORDER NO: AAD86-21344

RESOURCE STRATEGIES FOR DYNAMIC CONSTRUCTION PROJECT MANAGEMENT
(NETWORK, PRECEDENCE)

Author: MORUA PADILLA, ELOY

Degree: PH.D.

Year: 1986

Corporate Source/Institution: THE UNIVERSITY OF MICHIGAN (0127)

Source: VOLUME 47/06-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 2544. 220 PAGES

Descriptors: ENGINEERING, CIVIL

Descriptor Codes: 0543

A Monte Carlo based computer simulation model, called DYNASTRAT, was developed to model the dynamics of applying a resource allocation strategy to sample time and cost of uncertain construction projects. DYNASTRAT models time and cost as random variables, as well as dependencies among construction activities, and among activities and their cost. It uses project progress to date, and outcomes of such random variables as equipment productivity and worker cost per day, to forecast duration and cost of the remainder of the project.

DYNASTRAT develops a method to describe management strategies for uncertain projects. The method gives construction managers a flexible tool to define priority of activities and resources and simulate real time allocation decisions. DYNASTRAT models assignment of resources under uncertainty, permits variability in the level of resources that can be allocated to activities, and allows interruption of activities in progress and reassignment of their resources to activities of higher priority. It also monitors and updates planned delivery dates for major pieces of equipment.

26/5/12 (Item 2 from file: 35)

DIALOG(R) File 35:Dissertation Abs Online

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927624 ORDER NO: AAD86-19079

IMPACT OF OFFICE AUTOMATION ON AN ENGINEERING ORGANIZATION: A LONGITUDINAL STUDY OF A PILOT IMPLEMENTATION (PRODUCTIVITY)

Author: JURISON, JAAK

Degree: PH.D.

Year: 1986

Corporate Source/Institution: CLAREMONT GRADUATE SCHOOL (0047)

Source: VOLUME 47/06-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 2230. 231 PAGES
Descriptors: BUSINESS ADMINISTRATION, MANAGEMENT
Descriptor Codes: 0454

The purpose of this study was to assess the impacts of office automation on the work patterns of knowledge **workers**. Special emphasis was given to those effects which are likely to influence organizational productivity. The study involved a one year longitudinal evaluation of office automation in an engineering organization of a major aerospace company.

The specific objectives of the study were to determine: (a) Which individual and organizational variables influence the use of automated office systems? (b) What are the impacts of integrated office automation systems? (c) How do the impacts vary as a function of time?

The test group consisted of 9 managers, 10 project engineers, 9 professionals and 15 secretaries. The integrated office automation system featured word processing, electronic mail, electronic filing, administrative support, **project management**, decision support and data processing.

Data were collected prior to system installation, twice during the one year assessment period, and at the end of the study. Measurement instruments consisted of self-administered questionnaires and **activity** logs. System use was automatically **monitored** and collected by the central computer.

Data were statistically analyzed by using bivariate correlation, multiple regression, path analysis, variance analysis and t-test. Analyses were conducted at individual user, job category and test group levels.

Major determinants of system use found were user expectations and prior computer experience.

Organizational impacts included: a reduction of telephone use by project engineers, an increase in user reported productivity, and an increase in user satisfaction over time.

User satisfaction was found to be highly dependent on ease of access to the system. Evidence was also found that prior expectations lead to system use, which in turn leads to perceived user effectiveness and satisfaction.

Estimated time savings were approximately 5.5 hours per week for principals (managers, project engineers, and professionals) and ten hours per week for secretaries.

A learning curve effect was observed. The first six months of system use were not indicative of the full benefits of the system.

The results of the study are useful to the researchers of office automation and practitioners who are responsible for introducing the technology into the workplace.

26/5/13 (Item 1 from file: 99)
DIALOG(R) File 99:Wilson Appl. Sci & Tech Abs
(c) 2004 The HW Wilson Co. All rts. reserv.

2214495-H.W.-WILSON-RECORD-NUMBER:BAST00072059

Guide to Web-based project management
Concrete Construction (1999) v. 45 noll (Nov. 2000) p. 30
DOCUMENT TYPE: Feature Article ISSN: 1051-5526 LANGUAGE: English
RECORD STATUS: Corrected or revised record

ABSTRACT: The Guide to E-Commerce and Web-Based **Project Management** in **Construction** can help **contractors** to put the Internet to best use. The guide, which is a collaboration of 5 industry experts, addresses the

advantages of the Internet as a **project management** tool, how to select web-based **project management** and e-commerce applications, the use of this software to avoid or resolve construction disputes, and the use of digital photography to **monitor** a project's **progress** .

DESCRIPTORS: **Construction project management** ; **Construction industry**
--Internet resources;

26/5/14 (Item 2 from file: 99)
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs
(c) 2004 The HW Wilson Co. All rts. reserv.

2109553 H.W. WILSON RECORD NUMBER: BAST00035097
Virtual teams connect and collaborate
Elkins, Tony;
IIE Solutions v. 32 no4 (Apr. 2000) p. 26-32
DOCUMENT TYPE: Feature Article ISSN: 1085-1259 LANGUAGE: English
RECORD STATUS: Corrected or revised record

ABSTRACT: Innovations in work management are discussed. Since its start in the early 1960s, **project management** had undergone many changes, and engineer-to-order projects and the Internet have converged to enhance the way work is managed. The innovations discussed are workforce management, projects in the context of all other **work** , managing skills, **employee** -driven **progress** and performance- tracking procedures, and **status** and updates from around the globe.

DESCRIPTORS: **Organization in industry**; **Project management** ; **Personal efficiency**;

26/5/15 (Item 3 from file: 99)
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs
(c) 2004 The HW Wilson Co. All rts. reserv.

1200315 H.W. WILSON RECORD NUMBER: BAST94068974
Use contractors effectively
Harding, Jeffrey S;
Chemical Engineering v. 101 (Nov. '94) p. 137-9
DOCUMENT TYPE: Feature Article ISSN: 0009-2460 LANGUAGE: English
RECORD STATUS: New record

ABSTRACT: Careful selection and effective communications are essential for deriving the maximum benefit from outside consultants and **contractors** . Companies sometimes need outside assistance for **capital projects** , engineering studies, or environmental advice. In the initial identification of appropriate firms, the engineer should ensure that candidates are properly licensed. He or she should also check their references and pay a visit to their offices. The engineer should then present project requirements in writing and request proposals with complete cost details from competing **contractors** . When the selection has been made, a kickoff meeting may be held, and this should be followed by regular reviews. At this stage, it is important to give the **contractor** responsibility for specific project details. As the project continues, communications should be maintained and **progress** **monitored** against cost.

DESCRIPTORS: **Contractors** ; Chemical plants--Construction; Communication in management;

26/5/16 (Item 1 from file: 233)
DIALOG(R) File 233:Internet & Personal Comp. Abs.
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00463311 97PK06-112

Watching every move they make -- WinWhatWhere keeps a close eye on user activities; software is less useful for billing

Collora, Salvatore

PC WEEK , June 9, 1997 , v14 n23 p59, 1 Page(s)

ISSN: 0740-1604

Company Name: WinWhatWhere

Product Name: WinWhatWhere Release 97.1

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): C

Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows

Geographic Location: United States

Presents a mixed review of WinWhatWhere Release 97.1 (\$99 for single user, \$495 for 10-workstation license), a monitoring program from WinWhatWhere Corp. of Kennewick, WA (800). Runs on IBM PC compatibles with Windows. Explains that WinWhatWhere is a time and usage monitor that can keep track of employee behavior down to the keystroke, and can be used to track time spent on projects for billing purposes. Indicates that WinWhatWhere can be run as a program hidden from those being monitored, as a minimizable application, or as a hot-key-activated pop-up window. States that this program can easily create custom reports and export data. Complains, however, that the process for tracking billable activities is cumbersome, and installation procedure is not clearly documented. Rates WinWhatWhere a score of B for capability and performance, and C for usability and interoperability. Includes a product summary. (jo)

Descriptors: Network Management; Workgroup Computing; Project Management

Identifiers: WinWhatWhere Release 97.1; WinWhatWhere

26/5/17 (Item 2 from file: 233)
DIALOG(R) File 233:Internet & Personal Comp. Abs.
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00447964 97PW01-015

Microsoft's new MBA-ware does the job

Desmond, Michael

PC World , January 1, 1997 , v15 n1 p90, 1 Page(s)

ISSN: 0737-8939

Company Name: Microsoft

Product Name: Microsoft Team Manager 97

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Geographic Location: United States

Presents a favorable review of Team Manager 97 (\$109), a task management solution from Microsoft (800). Explains that the program utilizes a network's existing e-mail system for data sharing and updating. Features four sections which work to organize, report, and troubleshoot task-related information. Provides functions which allows the managers to analyze **employee** status within a project and the **employees** to **track** their own **progress**. Claims that its Microsoft Office interface is easy to use and familiar and that its functions are easy to learn. Warns, however, that it is only useful if updated properly. Also, complains that overlapping relationships can become confusing. Concludes that ``Team manager 97 puts a friendly face on a challenging problem.'' Includes one product summary. (kgh)

Descriptors: **Project Management**; Scheduling; Networks; Electronic Mail; Window Software; Software Review

Identifiers: Microsoft Team Manager 97; Microsoft

26/5/18 (Item 3 from file: 233)

DIALOG(R) File 233:Internet & Personal Comp. Abs.

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00366483 94PK11-309

Finding the right tools depends on your goals -- A variety of metrics tools complicates the decision

Paul, Lauren Gibbons

PC WEEK , November 28, 1994 , v11 n47 p26, 1 Page(s)

ISSN: 0740-1604

Company Name: Wang Laboratories; Applied Business Technology; Imagine That

Product Name: Open/Workflow; Metrics Manager; Extend+BPR

Languages: English

Document Type: Feature Articles and News

Geographic Location: United States

Focuses on how to choose a software tool to help IT managers locate areas in which process re-engineering is advisable. Considers **workflow** software, which automates and **tracks** business processes, such as Open/ **Workflow** (\$7,500) from Wang laboratories Inc. of Lowell, MA (508). Also describes **project - management** software, which coordinates processes outside the real-time system, such as Metrics Manager (\$14,950) from Applied Business Technology Corp. of New York, NY (212); and modeling/simulation tools, which allow the development of statistical inferences, such as Extend+BPR (\$990) from Imagine That Inc. of San Jose, CA (408). States that workflow tools may give better metrics, since they are hooked into the IT system; however, they may shift the focus to the knowledge **workers** rather than the process itself. Provides brief product descriptions of the three measuring-tool programs mentioned. (jo)

Descriptors: Network Management; Workflow; Software Tools; Workgroup Computing; **Project Management**; Evaluation; Simulation

Identifiers: Open/Workflow; Metrics Manager; Extend+BPR; Wang Laboratories;—Applied-Business-Technology;—Imagine-That

26/5/19 (Item 4 from file: 233)

DIALOG(R) File 233:Internet & Personal Comp. Abs.

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00345472 94PJ04-014

Working with...ManagePro -- Expert system can help motivate, monitor

employees
Goldsborough, Reid
PC Today , April 1, 1994 , v8 n4 p50, 1 Page(s)
ISSN: 1040-6484
Company Name: Avantos Performance Systems
Product Name: ManagePro
Languages: English
Document Type: Software Review
Grade (of Product Reviewed): B
Hardware/Software Compatibility: IBM PC Compatible; Macintosh; Unix;
Microsoft Windows
Geographic Location: United States
Presents a favorable review of ManagePro (\$395 for standalone version, \$2,995 for 10-pack) from Avantos Performance Systems (800, 510). Requires an IBM PC compatible with Windows 3.1, 4MB RAM and 5MB free hard drive space. Details how it can aid management decision making by focusing on a range of topics including 'people and teams, setting goals, **monitoring progress**, feedback/coaching, reviews and recognition, **employee development**, and **commitments.**' Says this program can be customized to match the manager's specific responsibilities. Notes it is also network compatible so its database can be accessed and updated continually; it provides electronic mail support; and allows mobile users to enter information on the road that can be merged later. Adds that an online tutorial is included, as is free, unlimited technical support. Contains one screen display and product source information. (kjh)
Descriptors: Project Management ; Management; Business; Macintosh; Electronic Mail; Window Software; Software Review
Identifiers: ManagePro; Avantos Performance Systems

26/5/20 (Item 5 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
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00339378 94PU02-001
Managing mountains of media
Abernathy, Aileen
Publish , February 1, 1994 , v9 n2 p18-25, 6 Page(s)
ISSN: 0897-6007
Company Name: Canto Software
Product Name: Cumulus
Languages: English
Document Type: Feature Articles and News
Geographic Location: United States
Presents an overview of how the advertising department of Raley's, a Sacramento, CA chain of supermarkets, solved the problem of **tracking** their newspaper and promotional art **work** . Using a software product called Cumulus from Canto Software (800), the ''traffic team'' got a handle on what was a difficult job of tracking all the art used in the 2,000 pages per year that the advertising department churned out. Reviews the procedure from the scanning of images to storage of used images and describes the **workflow** and which **employees** are charged with each task. Contains a **workflow** diagram, a production time-table, 11 screen displays, a digital photo sidebar, and a product source list. (GMR)
Descriptors: Project Management ; Advertising; Database; Data Base Management; Image Processing; Art; Newspapers
Identifiers: Cumulus; Canto Software

26/5/21 (Item 6 from file: 233)

DIALOG(R) File 233:Internet & Personal Comp. Abs.
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00327211 93PW10-017

Manager's aide for the work group

Desmond, Michael

PC World , October 1, 1993 , v11 n10 p108, 1 Page(s)

ISSN: 0737-8939

Company Name: Avantos Performance Systems

Product Name: ManagePro

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): a

Geographic Location: United States

Presents a very favorable review of ManagePro 2.0 (\$2,995), a management program from Avantos Performance Systems (800, 510). The program can **track** projects and **monitor progress** based on **employee** performance. Both **project management** and people management sections of the interface include flow charts, status boards, and time lines. It also provides scheduling capability to set up reviews and appointments. Work group features included in this release are VIM and MAPI E-mail support and simultaneous read/write ability with which networked users can work on a common database at the same time. It provides file synchronization which guarantees that only the latest data is entered into the tracking system. Its cross-platform support allows PC, Macintosh, and Unix systems work from the same network database. It does not support OLE but does provide DDE support. Includes one screen display. (djd)

Descriptors: **Project Management** ; Software Review

Identifiers: ManagePro; Avantos Performance Systems

26/5/22 (Item 1 from file: 583)

DIALOG(R) File 583:Gale Group Globalbase(TM)
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06628273

Brown & Root joins Railtrack partnership

UK: B & R JOINS RAILTRACK FOR WEST COAST UPGRADE

Lloyd's List (LL) 19 May 1998 p.3

Language: ENGLISH

The UK engineering **project management** and **construction** company, Brown & Root, has entered into an integrated management partnership with the UK rail network operator, Railtrack. The partnership will manage the upgrade of the west coast mainline, which involves major signalling and **track work** to allow faster and heavier trains to use the route. Brown & Root had previously been contracted to lead the team that prepared the infrastructure development feasibility study. Apart from Brown & Root, there will be other **contractors** involved in distinct sectors of the project, and each will be subject to risk and reward strategies that give incentives to meet project targets.

COMPANY: RAILTRACK; BROWN & ROOT

PRODUCT: Railways Construction (1623RC); Rail Transport (4010);

EVENT: Company Formation (14); Capital Expenditure (43);

COUNTRY: United Kingdom (4UK);

26/5/23 (Item 2 from file: 583)

DIALOG(R) File 583:Gale Group Globalbase(TM)
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05622148

Airadio for Merlin communications

UK - AIRADIO WINS CONTRACT FOR MERLIN HELICOPTER COMMS SYSTEM
Jane's Defence Weekly (JDW) 9 January 1993 p24
ISSN: 0265-3818

IBM-ASIC, prime **contractor** for the EH 101 Merlin helicopter of the UK Royal Navy, has placed an initial GBP30 mil contract with GEC Sensors, parent to Airadio, for the Airadio software-controlled, integrated communications subsystem. The communications system in the Merlin, an anti-submarine warfare helicopter, will incorporate 44 ship-sets of clear/secure radio communications on UHF, VHF and HF bands. The five-man crew on the Merlin will have access to HF/UHF NATO Link 11 and secure and clear tactical and general inter-communications nets. Airadio will also fit raid access to international maritime and International Civil Aviation Organization emergency channels for the secondary rescue and search role. Merlin will have underwater telephone functions, flight deck telebrief and a tactical homer for naval operations. Automatic monitoring of warning and navigational transmissions will also be included on the communications architecture. GEC Sensors has also been selected by IBM-ASIC to perform system integration and **project management** of the Airadio equipment to meet the UK MoD's Tempest specifications. Each operator station exercises **monitoring**, **status** and system control as a feature of the system's basic philosophy, says Airadio. A station box is also included with the operator stations to provide control functions and audio selection. An aircraft MIL STD 1553B databus routes operator inputs to a control routing facility for conversion to ARINC 429 format for communications systems equipment control.

COMPANY: IBM-ASIC; GEC SENSORS; AIRADIO

PRODUCT: Military Helicopters (3721MH); Helicopter Engines (DEAV); Defence Electronics (3601DE); Satellite Communications Equipment (DE);
EVENT: CONTRACTS WON (61); PRODUCT APPLICATIONS (34);
COUNTRY: United Kingdom (4UK); OECD Europe (415); European Economic Community Countries (419); NATO Countries (420); South East Asia Treaty Organisation (913);

26/5/24 (Item 3 from file: 583)

DIALOG(R) File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

02856309

TENDERS INVITED FOR WATER WELL GATHERING NETWORK

KUWAIT - TENDERS INVITED FOR WATER WELL GATHERING NETWORK
Middle East Marketing Organisation (MEMO) 23 August 1989 p9

The Ministry of Electricity & Water, Box 12, Safat 13001 Mubarak Al Kabir Street, telephone 489 6000, telex 30062 Electric KT, is inviting tenders for waterwell gathering network **construction project** number MEW/22/4/14-89/90, open to pre-qualified **contractors** only. Work will involve construction of waterwells gathering network for the El Salibien well modifying project. Fee is KD200, bid bond 2.5% tender. CD 22 August 1989.

PRODUCT: Irrigation Construction (1623IR);
EVENT: CONTRACTS TENDERED (61);

COUNTRY: Kuwait (8KUW);

26/5/25 (Item 4 from file: 583)
DIALOG(R) File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

02106185
HOSKYNS TO DESIGN EUROTUNNEL NETWORK
UK - HOSKYNS TO DESIGN EUROTUNNEL NETWORK
Computing (CNG) 18 August 1988 p20

Hoskyns has been awarded a GBP4.5 mil contract by Eurotunnel to design and develop a network linking all major centres of activity. The network will handle the administrative side of organising the construction of the tunnel, control of contracts and control of billings from **contractors**. The contract includes the installation of office systems, electronic mail and a word processing infrastructure. The system must **monitor** and control **activities** between more than 20 locations in the UK and France. The Hoskyns network is based on two Dec VAX 800 series minicomputers at the Eurotunnel Sutton office supporting 300 intelligent workstations in the UK, France and Belgium. Each workstation will run copies of DECs word processing program, **Project Manager** Workbench, Hoskyns' **Project Management** package and 20/20A Financial Modelling Package. The Eurotunnel venture is Hoskyns biggest joint commercial data processing venture. The difficulty is to design a communications network which will support the packages in both English and French versions.

PRODUCT: Bridge & Tunnel Construction (1622); Word Processors (3573WP);
Local Area Network Equip (3661LA); Electronic Mail (4811EM); Local Area Networks (4811LA);
EVENT: CONTRACTS & ORDERS (61);
COUNTRY: Belgium (4BEL); France (4FRA); United Kingdom (4UK); Northern Europe (414); OECD Europe (415); European Economic Community Countries (419); NATO Countries (420); South East Asia Treaty Organisation (913); ?

29/5/1 (Item 1 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

03104267 INSPEC Abstract Number: A88046984

Title: Experience-based innovations in management of nuclear power plant technology

Author(s): Wagner, R.L.; Bradbury, R.B.; **Freeman, D.V.** ; Jacobs, S.B.

Author Affiliation: Stone & Webster, Boston, MA, USA

Journal: Transactions of the American Nuclear Society vol.56, suppl.1
p.586-93

Publication Date: 1988 Country of Publication: USA

CODEN: TANSAO ISSN: 0003-018X

Conference Title: Sixth Pacific Basin Nuclear Conference

Conference Date: 7-11 Sept. 1987 Conference Location: Beijing, China

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Practical (P)

Abstract: During forty-five years of nuclear technology development and experience, Stone & Webster has developed and successfully applied various innovative techniques to numerous nuclear projects. These techniques, developed primarily in response to the increasing scope and complexity of nuclear power plants, have been used and refined to provide efficient management of the two major nuclear **project** activities-design and **construction** . These techniques have been divided into: (1) engineering-based innovations, (2) construction-based innovations and (3) management-based innovations. (3 Refs)

Subfile: A

Descriptors: fission reactor theory and design; nuclear engineering; nuclear power stations

Identifiers: management; nuclear power plant technology; innovative techniques; design; engineering-based innovations; construction-based innovations; management-based innovations

Class Codes: A2841 (Fission reactor theory and design)

29/5/2 (Item 2 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

02522550 INSPEC Abstract Number: C85046698

Title: PC software helps projects run smoothly (automated project management)

Author(s): **Freeman, D.H.**

Journal: High Technology vol.5, no.5 p.73-5

Publication Date: May 1985 Country of Publication: USA

CODEN: HTECD3 ISSN: 0277-2981

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Many personal computer users are discovering **project management** software. Touted in the PC industry as the neatest thing for managers—since spreadsheets, these packages eliminate much of the drudgery and confusion associated with scheduling complex tasks and allocating resources to them. Highly recommended for managers with rigidly structured projects, the introduction of PC based products has opened new markets for automated **project management** . The article describes the main functions of the software and its likely markets. (0 Refs)

Subfile: C

Descriptors: management; office automation; personal computing; software packages

Identifiers: personal computer; **project management** software; PC based products; automated **project management**
Class Codes: C7104 (Office automation)

29/5/3 (Item 1 from file: 233)

DIALOG(R) File 233:Internet & Personal Comp. Abs.
(c) 2003 EBSCO Pub. All rts. reserv.

00373466 95AS01-004

Project/2 Series X 1.2.2
Higgins, Cedric; **Freeman, Dalia**
AdvancedSystems , January 1, 1995 , v8 n1 p31, 34, 2 Page(s)
ISSN: 1046-5456
Company Name: Project Software & Development
Product Name: Project/2 Series X
Languages: English
Document Type: Software Review
Grade (of Product Reviewed): C
Hardware/Software Compatibility: Sparc-Station 1; Sparc-Station 2
Geographic Location: United States
Presents a mixed review of Project/2 Series X v1.2.2 (\$40,000, five floating licenses), a **project management** software for workgroups from Project Software & Development of Cambridge, MA (617). Runs on SPARCstation 1 or 2 with NeWSprint 2.0 or later. Says that it comes in 13 3.5-inch floppy diskettes with a six-volume documentation set. Features scripting functions, a comprehensive 5-hour online tutorial, a wide array of standard report formats, and an SQL database. However, says that the authors found a bug in the program's scripting facility. Adds that it lacks intuitive icons. Also says that progress reporting is difficult. Received a 6.0 out of 10.0 overall rating. (ACD)
Descriptors: **Project Management** ; Software Review; Software Tools; Workgroup Computing; Network Management
Identifiers: Project/2 Series X; Project Software & Development

29/5/4 (Item 2 from file: 233)

DIALOG(R) File 233:Internet & Personal Comp. Abs.
(c) 2003 EBSCO Pub. All rts. reserv.

00373465 95AS01-003

Accent GraphicVUE 1.6
Higgins, Cedric; **Freeman, Dalia**
AdvancedSystems , January 1, 1995 , v8 n1 p30-31, 2 Page(s)
ISSN: 1046-5456
Company Name: National Information Systems
Product Name: Accent GraphicVUE
Languages: English
Document Type: Software Review
Grade (of Product Reviewed): B
Hardware/Software Compatibility: Sparc-Station 2
Geographic Location: United States
Presents a favorable review of Accent GraphicVUE v1.6 (\$995, floating license), a **project management** software for workgroups from National Information Systems of San Jose, CA (800, 408). Runs on SPARCstation 2s. Features a 45-minute online tutorial, two options for appending information to a project, connecting lines between activity boxes, and about 50 standard reports. Also says that it is easy to install and use. However, says that the authors found a bug while using the Gantt chart module. Adds that it lacks keyboard shortcuts. Received an 8.2 out of 10.0 overall

rating. (ACD)

Descriptors: Project Management ; Software Review; Software Tools;
Workgroup Computing; Network Management
Identifiers: Accent GraphicVUE; National Information Systems

29/5/5 (Item 3 from file: 233)

DIALOG(R) File 233:Internet & Personal Comp. Abs.
(c) 2003 EBSCO Pub. All rts. reserv.

00373464 95AS01-002

Digital Tools AutoPLAN II 2.0
Higgins, Cedric; Freeman, Dalia
AdvancedSystems , January 1, 1995 , v8 n1 p29-30, 2 Page(s)
ISSN: 1046-5456
Company Name: Digital Tools
Product Name: AutoPLAN II
Languages: English
Document Type: Software Review
Grade (of Product Reviewed): B
Hardware/Software Compatibility: Sparc-Station 2
Geographic Location: United States
Presents a favorable review of AutoPLAN II v2.0 (\$1,495, mode-locked license; \$2,995, floating license), a project management software for workgroups from Digital Tools of Cupertino, CA (800, 408). Runs on SPARCstation 2s. Features a 30-minute tutorial; three types of calendars: master, base, and derived; the ability to measure activity progress and handle multiple projects; and report generation functions. However, says that if a user has forgotten his/her password, the project has to be sent to Digital Tools (through e-mail) for password cracking. Received a 9.0 out of 10.0 overall rating. (ACD)

Descriptors: Project Management ; Software Review; Software Tools;
Workgroup Computing; Network Management
Identifiers: AutoPLAN II; Digital Tools

29/5/6 (Item 4 from file: 233)

DIALOG(R) File 233:Internet & Personal Comp. Abs.
(c) 2003 EBSCO Pub. All rts. reserv.

00373463 95AS01-001

Creating order from chaos
Higgins, Cedric; Freeman, Dalia
AdvancedSystems , January 1, 1995 , v8 n1 p28-35, 8 Page(s)
ISSN: 1046-5456
Company Name: Digital Tools; National Information Systems; Project Software & Development
Product Name: AutoPLAN II; Accent GraphicVUE; Project/2 Series X
Languages: English
Document Type: Buyer and Vendor Guide
Grade (of Product Reviewed): B; B; C
Geographic Location: United States
Introduces a buyers' guide to three project management software for workgroups from three companies. Products reviewed and overall ratings (out of 10.0) are: AutoPLAN II v2.0 (\$1,495, node-locked license; \$2,995, floating license) from Digital Tools of Cupertino, CA (800, 408) - 9.0; Accent GraphicVUE v1.6 (\$995, floating license) from National Information Systems of San Jose, CA (800, 408) - 8.2; and Project/2 Series X v1.2.2 (\$40,000, five floating licenses) from Project Software & Development of Cambridge, MA (617) - 6.0. Describes the important characteristics of

project management software. Includes the sidebars: `` Project management terms defined'' (p31); ``Planning 101'' (p32); ``PC, workstation, or mainframe?'' (p34) by Tim Goodman; and ``A brief history of project management '' (p35) by Perry Owen. Includes a photo, benchmark test results, three summary cards, and 15 screen displays. (ACD)

Descriptors: Project Management ; Vendor Guide; Software Tools; Workgroup Computing; Network Management; Software Review

Identifiers: AutoPLAN II; Accent GraphicVUE; Project/2 Series X; Digital Tools; National Information Systems; Project Software & Development

?

File 344:Chinese Patents Abs Aug 1985-2004/May
(c) 2004 European Patent Office
File 347:JAPIO Nov 1976-2004/Mar(Updated 040708)
(c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200448
(c) 2004 Thomson Derwent
File 348:EUROPEAN PATENTS 1978-2004/Jul W03
(c) 2004 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20040729,UT=20040722
(c) 2004 WIPO/Univentio
File 371:French Patents 1961-2002/BOPI 200209
(c) 2002 INPI. All rts. reserv.
File 256:TecInfoSource 82-2004/Jul
(c) 2004 Info.Sources Inc
File 2:INSPEC 1969-2004/Jul W4
(c) 2004 Institution of Electrical Engineers
File 35:Dissertation Abs Online 1861-2004/May
(c) 2004 ProQuest Info&Learning
File 65:Inside Conferences 1993-2004/Aug W1
(c) 2004 BLDSC all rts. reserv.
File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Jun
(c) 2004 The HW Wilson Co.
File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
(c) 2003 EBSCO Pub.
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group
File 474:New York Times Abs 1969-2004/Jul 30
(c) 2004 The New York Times
File 475:Wall Street Journal Abs 1973-2004/Jul 30
(c) 2004 The New York Times
File 16:Gale Group PROMT(R) 1990-2004/Aug 02
(c) 2004 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2004/Aug 02
(c) 2004 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2004/Aug 02
(c) 2004 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Aug 02
(c) 2004 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2004/Aug 02
(c) 2004 The Gale Group
File 9:Business & Industry(R) Jul/1994-2004/Jul 30
(c) 2004 The Gale Group
File 15:ABI/Inform(R) 1971-2004/Aug 02
(c) 2004 ProQuest Info&Learning
File 20:Dialog Global Reporter 1997-2004/Aug 02
(c) 2004 The Dialog Corp.
File 95:TEME-Technology & Management 1989-2004/Jun W1
(c) 2004 FIZ TECHNIK
File 476:Financial Times Fulltext 1982-2004/Aug 02
(c) 2004 Financial Times Ltd
File 610:Business Wire 1999-2004/Aug 01
(c) 2004 Business Wire.
File 613:PR Newswire 1999-2004/Aug 01
(c) 2004 PR Newswire Association Inc
File 624:McGraw-Hill Publications 1985-2004/Jul 30
(c) 2004 McGraw-Hill Co. Inc
File 634:San Jose Mercury Jun 1985-2004/Jul 31
(c) 2004 San Jose Mercury News
File 810:Business Wire 1986-1999/Feb 28

(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 8:Ei Compendex(R) 1970-2004/Jul W4
(c) 2004 Elsevier Eng. Info. Inc.
File 94:JICST-EPlus 1985-2004/Jul W2
(c) 2004 Japan Science and Tech Corp(JST)
File 6:NTIS 1964-2004/Aug W1
(c) 2004 NTIS, Intl Cpyrght All Rights Res
File 34:SciSearch(R) Cited Ref Sci 1990-2004/Jul W4
(c) 2004 Inst for Sci Info
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 7:Social SciSearch(R) 1972-2004/Jul W4
(c) 2004 Inst for Sci Info

Set	Items	Description
S1	534350	(CONSTRUCTION? OR CAPITAL) (5N) PROJECT?
S2	340183	(MONITOR? OR TRACK? OR GATHER?) (3N) (PROGRESS OR STATUS? OR WORK OR WORKLOAD? OR WORK()LOAD? OR WORKFLOW? OR WORK()FLOW? - OR ACTIVITY OR ACTIVITIES OR ASSIGNMENT?)
S3	129900	SUBCONTRACTOR?
S4	247	S1(3N)S2
S5	2	S4(5N)S3
S6	10	S4(8N) (CURRENT OR REALTIME OR REAL()TIME)
S7	2	RD (unique items)
S8	2	S7 NOT S5
S9	10763	S2(5N) (CURRENT OR REALTIME OR REAL()TIME)
S10	0	S9(8N)S3

5/3,K/1 (Item 1 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

02798226 Supplier Number: 43757614 (USE FORMAT 7 FOR FULLTEXT)

In-house architects keep facilities shipshape

Crain's Cleveland Business, p14

April 5, 1993

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Tabloid; Trade

Word Count: 888

... has worked with almost every architectural firm in the city.

'We oversee the design and **construction** of a **project** and carefully **monitor** the **work** of the **subcontractors** and outside architects,' he said. 'One of our major criteria is that they stay within...'

5/3,K/2 (Item 1 from file: 624)

DIALOG(R) File 624:McGraw-Hill Publications

(c) 2004 McGraw-Hill Co. Inc. All rts. reserv.

01152706

Teamwork Takes the Last Frontier into the 21st Century

Northwest Construction November, 2000; Pg 55; Vol. 3, No. 11

Journal Code: NC

Section Heading: PROJECT OF THE MONTH

Word Count: 1,026 *Full text available in Formats 5, 7 and 9*

TEXT:

... team that included LSW Architects (Vancouver, Wash.), Scardina Design Studio (Portland, Ore.) and carefully selected **subcontractors** to **work** on the fast- **track** design-build **project**. Cisneros Construction served as the **project**'s **construction** manager.

Teeny relied on Cisneros Construction to help him navigate through the pre-construction and...

8/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

07392205 Supplier Number: 62262485 (USE FORMAT 7 FOR FULLTEXT)
**Digital Bridge Unveils Enterprise Productivity Management - EPM - Solution
On Television Program; COO Jon Winters Discusses EPM on Emerging Company
Report.**

Business Wire, p0528
May 23, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 505

... for the Palm platform, entitled CM Bridge, for the construction industry. The application allows for **real - time** monitoring of all ongoing **construction** activities on a **project**, including scheduling and **progress monitoring**. CM Bridge allows for daily schedule and cost updates accessible through any Web browser, so...

8/3,K/2 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

07212981 Supplier Number: 61482870 (USE FORMAT 7 FOR FULLTEXT)
Digital Bridge Inc. Announces First Three B2B Products.
Business Wire, p1190
April 14, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 568

... wireless application for the Palm (NASDAQ: PALM) platform, tentatively named "CM Bridge," which allows for **real - time** monitoring of all ongoing **construction** activities on a **project**, including scheduling and **progress monitoring**. The product will allow for daily schedule and cost updates accessible through any Web browser...

File 344:Chinese Patents Abs Aug 1985-2004/May
(c) 2004 European Patent Office
File 347:JAPIO Nov 1976-2004/Mar(Updated 040708)
(c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200448
(c) 2004 Thomson Derwent

Set	Items	Description
S1	1558	(CONSTRUCTION? OR CAPITAL) (5N) PROJECT?
S2	424	PROJECT()MANAG?
S3	13182	(MONITOR? OR TRACK? OR GATHER?) (5N) (PROGRESS OR STATUS? OR WORK OR WORKLOAD? OR WORK()LOAD? OR WORKFLOW? OR WORK()FLOW? - OR ACTIVITY OR ACTIVITIES)
S4	97	S3(5N) (WEBSITE? OR WEBPAGE? OR WEB() (SITE? OR PAGE?) OR INTERNET)
S5	270	S3(5N) (CURRENT OR REALTIME OR REAL()TIME)
S6	83	SUBCONTRACTOR?
S7	42889	EMPLOYEE? OR WORKER? OR LABORER? OR CONTRACTOR?
S8	514	AU=(FREEMAN, D? OR FREEMAN D? OR HALVERSON, M? OR HALVERSON M? OR LEWIS, S? OR LEWIS S? OR FIELY()FISHER, B? OR FIELY()FISHER B?)
S9	1	S1 AND (S4 OR S5)
S10	2	S(1 OR S2) AND S6
S11	1	S10 NOT S9
S12	2	S2 AND (S4 OR S5)
S13	1	S12 NOT (S9 OR S11)
S14	1	(S1 OR S2) AND S8

14/5/1 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

014844805
WPI Acc No: 2002-665511/200271
XRPX Acc No: N02-526487

Subcontractor activity management method in satellite construction project , involves indicating changed status of subcontractor in status indicator provided on electronic dashboard

Patent Assignee: FIELY-FISHER B (FIEL-I); FREEMAN D M (FREE-I); HALVERSON M (HALV-I); LEWIS S (LEWI-I)

Inventor: FIELY-FISHER B; FREEMAN D M ; HALVERSON M ; LEWIS S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020087381	A1	20020704	US 2000750350	A	20001229	200271 B

Priority Applications (No Type Date): US 2000750350 A 20001229

Patent Details:

Patent No	Kind	Lan	Pg	Main	IPC	Filing Notes
US 20020087381	A1	12		G06F	017/60	

Abstract (Basic): US 20020087381 A1

NOVELTY - The status of a subcontractor is monitored in real-time through the information displayed on a computer. When the status of the subcontractor is changed, the effect of the changed status is indicated by a status indicator on an electronic dashboard.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Computer implemented project management system; and
- (2) Complex project management method.

USE - For communication satellite construction projects .

ADVANTAGE - Enables the contractor and manufacturer to act in time, to affect the course of progress on the work, when the subcontractor delays the activities.

pp; 12 DwgNo 0/7

Title Terms: ACTIVE; MANAGEMENT; METHOD; SATELLITE; CONSTRUCTION; PROJECT; INDICATE; CHANGE; STATUS; STATUS; INDICATE; ELECTRONIC; DASHBOARD

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

?

9/5/1 (Item 1 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014844805

WPI Acc No: 2002-665511/200271

XRPX Acc No: N02-526487

Subcontractor activity management method in satellite construction project , involves indicating changed status of subcontractor in status indicator provided on electronic dashboard

Patent Assignee: FIELY-FISHER B (FIEL-I); FREEMAN D M (FREE-I); HALVERSON M (HALV-I); LEWIS S (LEWI-I)

Inventor: FIELY-FISHER B; FREEMAN D M; HALVERSON M; LEWIS S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020087381	A1	20020704	US 2000750350	A	20001229	200271 B

Priority Applications (No Type Date): US 2000750350 A 20001229

Patent Details:

Patent No	Kind	Lan	Pg	Main	IPC	Filing Notes
US 20020087381	A1	12		G06F	017/60	

Abstract (Basic): US 20020087381 A1

NOVELTY - The **status** of a subcontractor is **monitored** in **real - time** through the information displayed on a computer. When the status of the subcontractor is changed, the effect of the changed status is indicated by a status indicator on an electronic dashboard.

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pp; 12 DwgNo 0/7

Title Terms: ACTIVE; MANAGEMENT; METHOD; SATELLITE; CONSTRUCTION; PROJECT; INDICATE; CHANGE; STATUS; STATUS; INDICATE; ELECTRONIC; DASHBOARD

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

?

11/5/1 (Item 1 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013557297 **Image available**

WPI Acc No: 2001-041504/200106

XRAM Acc No: C01-012130

XRPX Acc No: N01-031008

Satellite based seismic system for engineering purposes, includes positioning sub-system with ground based satellite receivers, whose position data are transmitted to home office
Patent Assignee: VERITAS DGC INC (VERI-N)
Inventor: KRAKIWSKY E J; KRAKIWSKY S E; PORTSMOUTH J L; ROY J; PORTSMOUTH J L A

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2307006	A1	20001030	CA 2307006	A	20000428	200106 B
US 20020152053	A1	20021017	US 99131906	P	19990430	200281
			US 2000558990	A	20000427	
US 6560565	B2	20030506	US 99131906	P	19990430	200338
			US 2000558990	A	20000427	

Priority Applications (No Type Date): US 99131906 P 19990430; US 2000558990 A 20000427

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2307006	A1	E	51	G01V-001/00	
US 20020152053	A1			G06F-011/30	Provisional application US 99131906
US 6560565	B2			G06F-015/00	Provisional application US 99131906

Abstract (Basic): CA 2307006 A1

NOVELTY - The seismic system includes field resources comprising personnel, equipment, vehicles and wireless base station transceivers for communication with office resources via low earth orbit and geostationary satellites. A positioning sub-system includes ground based satellite receivers which receive signals from satellites to determine receiver position data and transmit data to home office via satellite WAN.

DETAILED DESCRIPTION - The system includes connections to Internet to permit preset persons access to various seismic information. The wireless base station transceiver is coupled to an uplink transceiver for communication between the field equipment and head office. The office resources include satellite earth hubs/stations, server side hardware, software and data store and user workstations. The system also includes quality control software module which compares determined position with prestored data.

INDEPENDENT CLAIMS are also included for the following:

- (i) a seismic survey system;
- (ii) a method for conducting seismic survey; and
- (iii) an integrated seismic system which comprises project management module, mobilization and demobilization module, surveying module, drilling module and recording module.

USE - For locating sub-surface structures containing mineral deposits such as hydrocarbons, ores, water and geothermal reservoirs, for archaeological purposes, for obtaining geological information for engineering, for oil and gas companies.

ADVANTAGE - Facilitates efficient management of resources and assets in the field. All information and actions are shared with appropriate personnel within the group carrying out the work, as well

as with the client and their quality control **subcontractors** , using thin client java based technology over Internet. Personnel can reposition the equipment while they are still at the site of equipment. Facilitates real or near real time transmission of data between the field and the office environment, thereby providing efficient seismic operation.

DESCRIPTION OF DRAWING(S) - The figure shows the overall seismic system network.

pp; 51 DwgNo 1/6

Title Terms: SATELLITE; BASED; SEISMIC; SYSTEM; ENGINEERING; PURPOSE; POSITION; SUB; SYSTEM; GROUND; BASED; SATELLITE; RECEIVE; POSITION; DATA; TRANSMIT; HOME; OFFICE

Derwent Class: H01; S02; S03; W02

International Patent Class (Main): G01V-001/00; G06F-011/30; G06F-015/00

International Patent Class (Additional): G21C-017/00; H04B-007/185

File Segment: CPI; EPI

?

13/5/1 (Item 1 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015006656 **Image available**

WPI Acc No: 2003-067173/200306

Related WPI Acc No: 2003-067169

XRPX Acc No: N03-052152

Network based exchange management system for commerce, provides visual representation of progress of task and monitors status of manufacturing facilities and allows real time collaboration
Patent Assignee: MILLING SYSTEMS & CONCEPTS PTE LTD (MILL-N); HOARTON L D C (HOAR-I)

Inventor: CHONG Y H; MOK S S C; POH S T

Number of Countries: 100 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020138317	A1	20020926	US 2001277741	P	20010321	200306 B
			US 2001974258	A	20011009	
WO 200277883	A2	20021003	WO 2002GB920	A	20020301	200306
AU 2002236049	A1	20021008	AU 2002236049	A	20020301	200432

Priority Applications (No Type Date): US 2001277741 P 20010321; US 2001974258 A 20011009

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020138317	A1	40		G06F-017/60	Provisional application US 2001277741

WO 200277883 A2 E G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

AU 2002236049 A1 G06F-017/60 Based on patent WO 200277883

Abstract (Basic): US 20020138317 A1

NOVELTY - A **project management** system provides a visual representation of the progress of a manufacturing task to a user of an exchange. A resource management system maintains a record of software which the exchange is licensed to utilize. A monitoring system monitors the status of the facility involved in the task, in real time and obtains feedback. A collaboration system allows real time collaboration between the user and other members of the exchange.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Network based exchange;
- (2) Network based exchange management method; and
- (3) Network based exchange management program.

USE - In-commerce for implementing an exchange between entity specifying task, and facilities capable of carrying out the task in the field of electronics, electrical, industrial, software, tooling, manufacturing and assembly.

ADVANTAGE - Optimizes the flow of information, transaction, products and service between members. Provides any suitably authorized user with an accurate and reliable progress status with respect to a design engineering or manufacturing project and this is achieved by the provision of the visual representation of the progress of the project. Allows easy and efficient communication between subscribers to the

exchange and rapid and efficient performance of quality manufacturing tasks.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic representation of business to business exchange.

pp; 40 DwgNo 2/24

Title Terms: NETWORK; BASED; EXCHANGE; MANAGEMENT; SYSTEM; VISUAL; REPRESENT; PROGRESS; TASK; MONITOR; STATUS; MANUFACTURE; FACILITY; ALLOW; REAL; TIME

Derwent Class: T01; T06

International Patent Class (Main): G06F-017/60

File Segment: EPI

?

File 348:EUROPEAN PATENTS 1978-2004/Jul W03
(c) 2004 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20040729,UT=20040722
(c) 2004 WIPO/Univentio
File 371:French Patents 1961-2002/BOPI 200209
(c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	2897	(CONSTRUCTION? OR CAPITAL) (5N) PROJECT?
S2	697	PROJECT()MANAG?
S3	37391	(MONITOR? OR TRACK? OR GATHER?) (5N) (PROGRESS OR STATUS? OR WORK OR WORKLOAD? OR WORK()LOAD? OR WORKFLOW? OR WORK()FLOW? - OR ACTIVITY OR ACTIVITIES)
S4	338	S3(5N) (WEBSITE? OR WEBPAGE? OR WEB() (SITE? OR PAGE?) OR INTERNET)
S5	1241	S3(5N) (CURRENT OR REALTIME OR REAL()TIME)
S6	330	SUBCONTRACTOR?
S7	50963	EMPLOYEE? OR WORKER? OR LABORER? OR CONTRACTOR?
S8	323	AU=(FREEMAN, D? OR FREEMAN D? OR HALVERSON, M? OR HALVERSON M? OR LEWIS, S? OR LEWIS S? OR FIELY()FISHER, B? OR FIELY()FISHER B?)
S9	2	S1(S) (S4 OR S5)
S10	9	S2(S) (S4 OR S5)
S11	8	S10 NOT S9
S12	4	S11(S) (S6 OR S7)
S13	29	(S1 OR S2) (S) S6
S14	29	S13 NOT (S9 OR S12)
S15	28	S14 AND IC=G06F
S16	0	S(S1 OR S2) (S) S8

9/3,K/1 (Item 1 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00784135

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A LOCALLY ADDRESSABLE INTERFACE IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION METTANT EN OEUVRE UNE INTERFACE ADRESSABLE LOCALEMENT DANS UN ENVIRONNEMENT DE CONFIGURATIONS DE SERVICES DE COMMUNICATION

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality)

Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918
, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor,
2029 Century Park East, Los Angeles, CA 09967-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116727 A2-A3 20010308 (WO 0116727)

Application: WO 2000US24189 20000831 (PCT/WO US0024189)

Priority Application: US 99387064 19990831

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 151048

Fulltext Availability:

Detailed Description

Detailed Description

... deliverables; Figure 51 shows a design architecture with the compromises made for today's component construction environment;

7

Figure 52 illustrates a business process to object mapping; Figure 53 is a...delivery vehicle may require special performance tuning tools in the development architecture, as well as real - time monitoring tools in the operations architecture.

Also different technology generations may require special services in all

...

9/3,K/2 (Item 2 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00777021

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR AN E-COMMERCE BASED USER

FRAMEWORK DESIGN FOR MAINTAINING USER PREFERENCES, ROLES AND DETAILS
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE UTILISES EN COMMERCE ELECTRONIQUE
POUR LA CONCEPTION DE STRUCTURES D'UTILISATEURS DESTINEES A PRESERVER
LES PREFERENCES, ROLES ET DETAILS DES UTILISATEURS

Patent Applicant/Assignee:

ACCENTURE LLP, Parkstraat 83, NL-2514 JG 's Gravenhage, The Hague, NL, NL
(Residence), NL (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

UNDERWOOD Roy A, 4436 Hearthmoor Court, Long Grove, IL 60047, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly LLP, 1400 Page Mill
Road, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200109792 A2-A3 20010208 (WO 0109792)

Application: WO 2000US20549 20000728 (PCT/WO US0020549)

Priority Application: US 99364091 19990730

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 122232

Fulltext Availability:

Detailed Description

Detailed Description

... the user via the plurality of pages.

In one embodiment of the present invention, the **activity** components to
which the **current** page, previous page record, and information are
provided may be selectively deten-nined. In addition...activity
components (logical units of work application flow logic), business
components (business logic required across **activity** components), user
component (user information), **tracking** manager component (**web** **page**
access security and web page flow control information), system preference
component (system 1 5 preference...).

...activity Page (held in the session's
"tracking" object).

105
s the instance of the **current activity** (held in the
"s--tracking--" object).

Returns the instance of the requested activity (held by the
session's "activity context..."

...the requested activity (references held by the
session's "activity context" object). Set the requested
activity to the **current activity** (held in the session's
" tracking " object).

Remove the **current activity** (held by the session's
66activity context" object).

Returns the next **web page** to access for the **current activity** (infort-nation held by the " **tracking manager**" component).

Returns the "user" component (information associated with the current logged in user)..,

Sets...purpose of the development environment is to support the tasks involved in the analysis, design, **construction** , and maintenance of business systems, as well as the associated management

130

Conflguration Management

The...tracked in a defined way. What, why, when, and who made a change must be **tracked** from the point of analysis to the reintroduction of the defective or changed component at...

...present description, the developer should set the status of the change request in the Change **Tracking** tool to "Assigned".

The Statement of Work / Scope Definition portion of the present description is...

?

12/3,K/1 (Item 1 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00784131

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A MULTI-OBJECT FETCH
COMPONENT IN AN INFORMATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR COMPOSANT DE RECUPERATION
MULTI-OBJET DANS UN ENVIRONNEMENT CARACTERISE PAR DES SERVICES
D'INFORMATIONS

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality)

Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918
, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly LLP, Suite 3800,
2029 Century Park East, Los Angeles, CA 90067, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116723 A2-A3 20010308 (WO 0116723)

Application: WO 2000US24083 20000831 (PCT/WO US0024083)

Priority Application: US 99386238 19990831

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GE
GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN
YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 150940

Fulltext Availability:

Detailed Description

Detailed Description

... that those efforts experienced delays relative to plan.

Although it is not realistic for every **project** to have nine months to define required architectures, it does suggest that early focus on... individuals.

A role defines responsibilities which are required in completing a business process. A business **worker** must be able to route documents and folders to a role, independent of the specific...queue reporting are important administration tools. Some of the areas for monitoring for improvement are **employee productivity, process performance, and forecasting/scheduling.**

Where any form of customer service is involved, features...

...PC applications, other office systems, and business applications.

How scaleable is the product?

Number of **workers** the product could reliably support in a production

environment. Two major product factors characterize scalability...

12/3,K/2 (Item 2 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00777020

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR RESOURCE ADMINISTRATION IN AN E-COMMERCE TECHNICAL ARCHITECTURE
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR L'ADMINISTRATION DE RESSOURCES DANS UNE ARCHITECTURE TECHNIQUE DE COMMERCE ELECTRONIQUE

Patent Applicant/Assignee:

ACCENTURE LLP, Parkstraat 83, NL-2514 JG 'S Gravenhage, NL, NL
(Residence), NL (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

UNDERWOOD Roy A, 4436 Hearthmoor Court, Long Grove, IL 60047, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, P.O. Box
52037, Palo Alto, CA 94303-0746, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200109791 A2-A3 20010208 (WO 0109791)

Application: WO 2000US20547 20000728 (PCT/WO US0020547)

Priority Application: US 99364161 19990730

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 136396

Fulltext Availability:

Detailed Description

Detailed Description

... code for given text strings. This is useful for performing impact analysis.

Security Management

Security Management tools provide the components that make up the security layer of the final system, and...

12/3,K/3 (Item 3 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00777017

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A HOST FRAMEWORK DESIGN IN AN E-COMMERCE ARCHITECTURE
SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION DESTINES A LA CONCEPTION D'UNE

STRUCTURE D'ORDINATEUR CENTRAL DANS UNE ARCHITECTURE DE COMMERCE ELECTRONIQUE

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

UNDERWOOD Roy A, 4436 Hearthmoor Court, Long Grove, IL 60047, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor,
2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200109752 A2-A3 20010208 (WO 0109752)

Application: WO 2000US20560 20000728 (PCT/WO US0020560)

Priority Application: US 99364733 19990730

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 122613

Fulltext Availability:

Detailed Description

Detailed Description

... and historical report generation.

Management Applications

Management applications are those tools which are used to **manage** the system. Most of the MODE functions tie directly into this component. The management applications...

12/3,K/4 (Item 4 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00777012

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR PROVIDING AN INTERFACE BETWEEN A FIRST SERVER AND A SECOND SERVER.

SYSTEME, PROCEDE ET ARTICLE MANUFACTURE DESTINES A UNE ARCHITECTURE DE COMMERCE ELECTRONIQUE BASEE SUR JAVA

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

UNDERWOOD Roy A, 4436 Hearthmoor Court, Long Grove, IL 60047, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th floor,
2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200109721 A2-A3 20010208 (WO 0109721)

Application: WO 2000US20561 20000728 (PCT/WO US0020561)
Priority Application: US 99364531 19990730
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV
MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 126924

Fulltext Availability:
Detailed Description

Detailed Description
... and private areas of a web site.

Execute application specific Active Server Pages.

Implement web **activity tracking** and reporting.

Implement application state and management capability.

207
SUBSTITUTE SHEET (RULE 26)
ReTA uses...
?

15/3,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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01663790

Project workforce management
Verwaltung der Mitarbeiter eines Projekts
Gestion du personnel pour un projet

PATENT ASSIGNEE:

SAP AG, (4281230), Neurottstrasse 16, 69190 Walldorf, (DE), (Applicant
designated States: all)

INVENTOR:

Hertel-Szabadi, Martin, Dr., Kleegarten 13, 69123 Heidelberg, (DE)

LEGAL REPRESENTATIVE:

Sparing - Rohl - Henseler Patentanwalte (100366), Rethelstrasse 123,
40237 Dusseldorf, (DE)

PATENT (CC, No, Kind, Date): EP 1367520 A1 031203 (Basic)

APPLICATION (CC, No, Date): EP 2003012027 030528;

PRIORITY (CC, No, Date): US 159211 020529

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 89

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200349	324
SPEC A	(English)	200349	1796
Total word count - document A			2120
Total word count - document B			0
Total word count - documents A + B			2120

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION positions 115.

The project tasks 110 define activities and phases to be performed in the **project** 105. For example, for a **construction project** examples of **project** tasks 110 may include preparing blue prints, obtaining the proper permits, preparing the foundation, ordering the lumber, hiring **subcontractors**, etc. The project tasks 110 describe operational activities or phases in the project 105 that...

15/3,K/2 (Item 2 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

00954685

INDEPENDENT DISTRIBUTED DATABASE SYSTEM
GLEICHRANGIG VERTEILTES DATENBANKSYSTEM
SYSTEME DE BASE DE DONNEES REPARTIES INDEPENDANTE
PATENT ASSIGNEE:

PeerDirect Company, (4014691), Suite 800, 1959 Upper Water street,
Halifax, Nova Scotia B3J 2X2, (CA), (Proprietor designated states: all)

INVENTOR:

SUTTER, Herbert, P., 2228 Urwin Crescent, Oakville, Ontario L6L 2T2, (CA)

LEGAL REPRESENTATIVE:

Evens, Paul Jonathan et al (83934), Maguire Boss, 5 Crown Street, St. Ives, Cambridgeshire PE27 5EB, (GB)
PATENT (CC, No, Kind, Date): EP 934568 A1 990811 (Basic)
EP 934568 B1 030611
WO 98020430 980514

APPLICATION (CC, No, Date): EP 97911073 971029; WO 97CA807 971029

PRIORITY (CC, No, Date): US 742024 961101

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: G06F-017/30

NOTE:

No A-document published by EPO

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200324	1832
CLAIMS B	(German)	200324	1674
CLAIMS B	(French)	200324	2125
SPEC B	(English)	200324	33815
Total word count - document A			0
Total word count - document B			39446
Total word count - documents A + B			39446

INTERNATIONAL PATENT CLASS: G06F-017/30

...SPECIFICATION suppliers. The work force includes estimators and purchasers who are concerned with obtaining quotes for construction projects, materials, subcontractors, etc. The estimators and purchasers may spend most of their time in the field and...

15/3,K/3 (Item 1 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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01134270 **Image available**

ENGINEERING DATA INTERFACE AND ELECTRICAL SPECIFICATION TRACKING AND ORDERING SYSTEM

INTERFACE DE DONNEES TECHNIQUES ET SYSTEME ELECTRIQUE DE SUIVI ET D'ORGANISATION DES DESCRIPTIFS

Patent Applicant/Assignee:

3M INNOVATIVE PROPERTIES COMPANY, 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427, US, US (Residence), US (Nationality)

Inventor(s):

KILBURN Mary Jo, Post Office Box 33427, Saint Paul, MN 55133-3427, US,
MULVEY Kim P, Post Office Box 33427, Saint Paul, MN 55133-3427, US,
SMITH Steven J Jr, Post Office Box 33427, Saint Paul, MN 55133-3427, US,

Legal Representative:

GOVER Melanie G (et al) (agent), Post Office Box 33427, Saint Paul, MN 55133-3427, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO-200455643-A2-20040701-(WO-0455643)

Application: WO 2003US39715 20031212 (PCT/WO US03039715)

Priority Application: US 2002319035 20021213; US 2003733746 20031211

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU

SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 7076

Main International Patent Class: G06F

Fulltext Availability:

Detailed Description

Detailed Description

... of products and services, management of project tasks and timelines, and management of materials within **construction projects**.

BACKGROUND

In the **construction** industry, it is common for multiple engineering drawings, blueprints and spreadsheets to contain information essential to the accurate and timely **construction** of the **project**, all the subprojects, such as electrical and mechanical projects, and their components. The industry has...

...parties involved in the business of building and managing the project, including such parties as **subcontractors**, vendors and suppliers, and site managers. The number of components were estimated or manually counted...

15/3,K/4 (Item 2 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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01090120 **Image available**

METHOD AND SYSTEM FOR LEVERAGING FUNCTIONAL KNOWLEDGE IN AN ENGINEERING PROJECT

PROCEDE ET SYSTEME PERMETTANT DE DONNER UNE IMPULSION A LA CONNAISSANCE FONCTIONNELLE DANS UN PROJET TECHNIQUE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200412124 A2 20040205 (WO 0412124)

Application: WO 2003US23703 20030730 (PCT/WO US03023703)

Priority Application: US 2002209531 20020731

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD
SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: English
Fulltext Word Count: 10597

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... of the

engineering project and communicates (verbally or in writing) the design documents to a **project manager** (54). In turn, the **project manager** (54) retains some design documents and passes appropriate design documents to the site manager (56...).

...information together with any appropriate design documents to the supply chain (30) (i.e., the **subcontractors** (32A-32N) and the suppliers (34A-34N)).

Often, direct verbal communication (58) occurs between the...

...project is to interact with the customer, suppliers, and subcontractors, and to manage the overall **construction** process. Thus, **project management** becomes a critical piece of the project.

[00181 Project management is commonly performed by a...

...is not tailored to or integrated with any one particular industry.

Using Microsoft Project, the **project manager** is able to track the construction of the house using the available information communicated by the suppliers,

subcontractors, designers, and customers. If the information is not communicated to the **project manager** or the **project manager** does not enter the information into Microsoft Project, the ability to effectively manage the project...

15/3,K/5 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT
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01020817 **Image available**

ACCELERATED PROCESS IMPROVEMENT FRAMEWORK

CADRE D'AMELIORATION ACCELEREE D'UN PROCEDE

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200350742 A1 20030619 (WO 0350742)
Application: WO 2002US39193 20021209 (PCT/WO US0239193)
Priority Application: US 20015759 20011207

Parent Application/Grant:

Related by Continuation to: US 20015759 20011207 (CON)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG
SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK
TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 47134

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... the CMMI, the project manager keeps copies of documentation and reports.

Another aspect in the **project management** 500 is supplier agreement management, step 560, which is generally illustrated in FIG. 5G. The supplier agreement management 560 comprises **subcontractor** management in step 560(a) and **product acquisition** in step 560(b).

Specifically, the subcontractor...f) comprise the planning of subcontractor management in step 561. In step 561, **project management** plans for the project's use of **subcontractors** including developing criteria to be used for **subcontractor** selection. The first task in step 561 is to identify the need for a **subcontractor**, step 561 (a). In step 561 (a), the organization identifies a need for a **subcontractor**. Before the need for a **subcontractor** is determined, the business requirements for the project should be defined. The objective is

to...If the project team does not have the resources to satisfy these requirements, then a **subcontractor** should be considered.

Again, the organization may use DAR if necessary to evaluate the need... depicted in FIG. 5J. Specifically, in step 563(a), the organization monitor subcontractor performance.

The **project manager** or designated team member overseeing the **subcontractor** should observe the **subcontractor**'s performance on a regular basis and manage all communications with the **subcontractor**. If the **subcontractor** fails to perform as expected (e.g., late delivery, poor quality, etc.), the organization should...management in step 560(a) is to complete subcontractor management, step 564. In step 564, **project management** verifies that the **subcontractor** has completed all tasks outlined in the subcontract and that technical performance requirements are satisfied. If the **subcontractor** successfully satisfies all contract requirements, both administrative and technical, the contract close out process occurs. If not, **project management** takes corrective action. **Project Management** updates the Closing Memo based on **subcontractor** deliverables and performance as necessary. As depicted in FIG. 5K, the tasks in the completion of **subcontractor** management in step 564 include the determination of whether contract requirements are satisfied, step 564 in step 564(a), the organization assesses whether the **subcontractor** has failed to satisfy the contractual requirements. The organization further determines if any corrective actions...

...FIG. 5K, in determining if technical performance requirements are satisfied in step 564(b), the **project manager** or designated team member oversees a **subcontractor** and is responsible for assessing the technical performance of that **subcontractor**.

The acceptance criteria for contractual closeout are documented in the SOW and should be used...

15/3,K/6 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01016749 **Image available**
A HIERARCHICAL CONCEPTUAL FRAMEWORK USED TO MODEL AN ENVIRONMENT CONTAINING
A COLLECTION OF ITEMS
CADRE CONCEPTUEL HIERARCHIQUE UTILISE POUR MODELISER UN ENVIRONNEMENT
CONTENANT UNE COLLECTION D'ARTICLES

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200346771 A1 20030605 (WO 0346771)

Application: WO 2002US38116 20021126 (PCT/WO US0238116)

Priority Application: US 2001995193 20011127

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG
SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 26885

Main International Patent Class: G06F-017/30

Fulltext Availability:

Detailed Description

Detailed Description

... in this manner, a construction firm. can not only prepare a detailed proposal for a **construction project** that includes cost, time, staffing and materials estimates, but also can track construction progress and...

...manufacturing environment. In this manner, the construction management firm can anticipate delays, improve scheduling of **subcontractors** and materials delivery, verify that loading limitations are not exceeded by requesting appropriate reports from...

15/3,K/7 (Item 5 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00995767 **Image available**

PROCESS AND SYSTEM FOR MANAGING FIELD DOCUMENTATION DATA IN A COMPLEX PROJECT WORKFLOW SYSTEM

PROCEDE ET SYSTEME PERMETTANT DE GERER DES DONNEES DE DOCUMENTATION DE TERRAIN DANS UN SYSTEME DE FLUX DE TRAVAUX D'UN PROJET DE REALISATION DIFFICILE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200325775 A1 20030327 (WO 0325775)

Application: WO 2002US30010 20020920 (PCT/WO US0230010)

Priority-Application: US-2001323928-20010920; US-2001343565-20011018; US-2001337445 20011018; US 2001336390 20011101; US 2001338228 20011206

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 29633

Main International Patent Class: G06F-015/00

Fulltext Availability:

Detailed Description

Detailed Description

... information that are readily accessible by the buyer, the sellers, and others (e.g., engineers, subcontractors, project managers, and other project members) from anywhere, at any time, via a suitable communications link. Further...

15/3,K/8 (Item 6 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00959322 **Image available**

DOCUMENT AND MESSAGE EXCHANGE SYSTEM FOR ASP MODEL

SYSTEME D'ECHANGE DE DOCUMENTS ET DE MESSAGES POUR MODELE ASP

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200293447 A2 20021121 (WO 0293447)

Application: WO 2001US51367 20011019 (PCT/WO US0151367)

Priority Application: US 2000693781 20001020

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 9455

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... is integral to a successful business is the construction industry. In the construction business several **subcontractors** compete for opportunities to collaborate on **construction projects** under the supervision of a general contractor. A **subcontractor** must disclose project information to the general contractor and must constantly be updated on the progress of the project and of other **subcontractors** working on the same project. Information specific to one **subcontractor** must be shared with

the general contractor but may be detrimental if shared with competing **subcontractors**. Thus, ownership of confidential information is critical in the construction industry. Because timing is critical in completing the **construction projects**, **subcontractors** must be aware of events as they occur during the life of the project.

Computers...in the construction

industry to identify items such as commonly used products or services in **construction projects**. Steps 710a - 725a publish information to the GSI to facilitate exchange of information during the...

...when they encounter data fields that are not recognized locally. In the construction industry, different **subcontractors** can designate data fields differently on their local systems. Data fields with different designations will this common list of data fields and GUIDs so that **subcontractors** can exchange information between different databases having data fields containing similar data but having different...

15/3,K/9 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT
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00911741 **Image available**

EFFICIENT PRESENTMENT AND PAYMENT OF BILLS
PRESENTATION EFFICIENTE ET PAIEMENT DE FACTURES

Patent Applicant/Inventor:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200244863 A2-A3 20020606 (WO 0244863)

Application: WO 2001US46700 20011203 (PCT/WO US0146700)

Priority Application: US 2000250814 20001201

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 14254

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... releases associated with improving real property as is required to pay a bill for a **construction project** in most jurisdictions. No prior art processes address the totality of needs of complex **construction** 10

projects organized as a hierarchical structured business system. The present invention provides for an -impartial, centralized...

...direct payment to, billing entities in hierarchically structured business systems such as are used for **construction projects**. It also provides an option

15/3,K/10 (Item 8 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00905250 **Image available**

METHOD FOR ASSOCIATING GRAPHICAL OBJECTS WITH NON-GRAPHICAL DATA
SYSTEME INTELLIGENT DE CONSTRUCTION D'OBJET

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200239327 A2-A3 20020516 (WO 0239327)

Application: WO 2001US48449 20011030 (PCT/WO US0148449)

Priority Application: US 2000244485 20001030; US 2000244492 20001030; US
2000244493 20001030; US 2000244457 20001030; US 2000246276 20001106; US
2000246275 20001106

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 10248

Main International Patent Class: G06F-017/50

Fulltext Availability:

Detailed Description

Detailed Description

... present invention will be described with reference to the design and/or

building of a construction project, it being understood that the present

invention may find application in other disciplines. These design...

...components (e.g., furniture, fixtures and equipment, etc.) for integration into the project. Contractors and subcontractors are needed to actually build the project according to the design plans. Expeditors are often...

...to receive and route purchased components to the construction site when needed by contractors and subcontractors. The project participants may further include accountants who are responsible for tracking the project's fiscal budget and paying for components purchased. A project manager may manage the participants, for example, by approving some or all changes to the project...

15/3,K/11 (Item 9 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00903299 **Image available**

ITEM SPECIFICATION OBJECT MANAGEMENT SYSTEM

SYSTEME DE GESTION D'OBJET DE SPECIFICATION D'ARTICLE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200237395 A2-A3 20020510 (WO 0237395)

Application: WO 2001US48494 20011030 (PCT/WO US01048494)

Priority Application: US 2000244492 20001030; US 2000244457 20001030; US
2000244493-20001030; US-2000244485-20001030; US-2000246276-20001106; US
2000246275 20001106

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 12689

Main International Patent Class: G06F-017/60

International Patent Class: G06F-009/44

Fulltext Availability:

Detailed Description

Detailed Description

... to vendors and material manufacturers who provide items required to complete the project. Contractors and **subcontractors** actually build the project according to the design plans, which may include architectural drawings. Expeditors track and route purchased items to the site when needed by contractors and **subcontractors**. The project participants may further include accountants who are responsible for tracking the project's fiscal budget and paying for items purchased. A **project manager** may manage the participants, approving some or all changes to the project requested by the...provide the item should be awarded. Contract 337 is communicated to project accountant 310 and **project manager** 320. Each of project account 310 and **project manager** 320 may use respective computer system(s) (not shown) for managing different types of data...

15/3, K/12 (Item 10 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00903298 **Image available**

sUSINESS ASSET MANAGEMENT SYSTEM
SYSTEME DE GESTION D'ACTIFS COMMERCIAUX

Patent Applicant/Assignee:

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Inventor(s):

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Patent and Priority Information (Country, Number, Date):
Patent: WO 200237394 A2 20020510 (WO 0237394)
Application: WO 2001US47965 20011030 (PCT/WO US0147965)
Priority Application: US 2000244492 20001030; US 2000244493 20001030; US 2000244457 20001030; US 2000244485 20001030; US 2000246276 20001106; US 2000246275 20001106

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 31435

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... Related Art

Many industries employ a team of players to design and execute to a **project**. For example, the **construction** industry employs a team of players to design and construct a building, such as an...

...systems, life safety systems, furniture, fixtures, etc., and for the management of any or all **subcontractors** who implement the design drawings and specifications. Other project participants may include a purchasing agent...materials, electrical systems, mechanical systems, life safety systems, building equipment, labor fixtures, etc. and facilitates **construction** management of the **project**. **Construction** management or finance team members are responsible for maintaining the budget of the **construction** **project**, and must have current, accurate information relating to costs of materials, fixtures, labor, etc. Additionally...the item should be awarded. Contract 337 is communicated to project accountant 31 0 and **project manager** 320. Each of project account 31 0 and project nianager 320 may use respective computer...

15/3,K/13 (Item 11 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00892297
METHOD AND APPARATUS FOR REVERSE AND FORWARD AUCTIONING FOR USE WITH NETWORK-ENABLED REAL PROPERTY PROJECT MANAGEMENT
PROCEDE ET APPAREIL D'ADJUDICATIONS MONTANTES ET DESCENDANTES EN GESTION DE PROJET DE BIENS IMMOBILIER SUR RESEAU

Patent Applicant/Assignee:

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Floor, Akron, OH 44308-1136, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200225531 A2 20020328 (WO 0225531)
Application: WO 2001US27124 20010830 (PCT/WO US0127124)
Priority Application: US 2000664673 20000919

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4420

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... all the data and perform required communications.

Real property projects have historically suffered from poor **project management** (i.e. lack of effective and timely communication between involved parties, including regulators, inspectors, company managers and their prime contractors and nested **subcontractors**) which ultimately results in higher project costs and delays. Updated status-reports, paper trails, phone...

...during the construction of a site, it is typical to use plumbers, electricians, and other **subcontractors** . Under the current system of **project management** it is possible that the project administrator will have ordered alterations to the plans on several occasions; however, these changes may not have been relayed to the **subcontractors** , and therefore each **subcontractor** may be operating from a different set of plans.

However, with the present invention, real property **project management** is facilitated by having project data available to be viewed in its geographical context by...

...retrieve all data related to that object. The project administrator can let each of the **subcontractors** know that the most up to date version of the plans will always be at...to a web-centric platform so that the user and/or his subcontractors can perform **project management** accessing the inventive system using a web browser. Posting of

information, as well as access...

15/3,K/14 (Item 12 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00890256

METHOD AND APPARATUS FOR PRODUCING REDUCED RISK LOANS
PROCEDE ET DISPOSITIF PERMETTANT L'ETABLISSEMENT DE PRETS A RISQUES REDUITS
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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200223443 A1 20020321 (WO 0223443)
Application: WO 2001US28642 20010912 (PCT/WO US0128642)
Priority Application: US 2000658816 20000911

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL
TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 10012

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... by superior

mechanic's liens. Disbursement of the lender's funds to the general
contractor/ **subcontractor** /material supplier occurs only when presentable
lien waivers are tendered to the disbursing agent. However...

...of the loan proceeds to be disbursed with work remaining to be completed
on the **construction project**, with or without cost overruns.

Presently, there is no process in place that permits the...In one
embodiment of the present invention, the loan is followed by monitoring
of the **construction project** by means of an appropriate formula
applied to each loan.

BRIEF DESCRIPTION -OF THE DRAWINGS...

...seeking a construction loan, or a construction professional seeking a
trade loan to undertake a **construction project**. For the property
owner, a **construction** loan is a conventional type of loan of reasonably
short duration (usually two years or...).

...physical structure. A trade -loan is usually acquired by a professional (architect, engineer, contractor and **subcontractor** to name a few) within ...purchase the materials, equipment, supplies or labor he or she may need to complete a **construction project** .

At step 200 (FIG. 2), the applicant submits a signed loan application to the lender...

Claim

... processing reduced risk'construction loans from a lender to a property owner applicant for a **construction project** and for making and processing reduced risk trade loans to general contractor, **sub-contractor**, and...

...trade loans anticipated to generate lien rights against the property in favor of general contractors, **subcontractors** , and material suppliers, comprising: transferring the ownership of the trade loan applicant's lien rights...

...by means of an appropriate formula applied to each loan;
h.
verifyingtheprogressofcompletionoftheconstructionprojeetbyinspection/verification
of the **construction project** ; and
i. disbursing loan proceeds at times corresponding to stages of completion of the **construction project** .

6 The method of claim 5 wherein the step of processing the data to determine...

...processing reduced risk construction loans from a lender to a property owner applicant for a **construction project** and for generating and processing reduced risk trade loans from a lender to a general contractor, **subcontractor** , and material supplier applicants, said trade loans anticipated to generate lien rights against the property...

...processing reduced risk construction loans from a lender to a property owner applicant for a **construction project** and for generating and processing reduced risk trade loans from a lender to general contractor, **subcontractor** , and material supplier applicants , said trade loans anticipated to generate lien rights against the property...

...processing reduced risk construction loans from a lender to a property owner applicant for a **construction project** and for generating and processing reduced risk trade loans from a lender to general contractor, **subcontractor** , and material supplier applicants', the software comprising logic configured to:
a. store data obtained from...loan and trade loans;
h. store data relating to the progress of completion of the -
construction project by
inspection/verification of the **construction project** ; and
i. disburse loan proceeds at times corresponding to stages of completion of the **construction project** .

22 The computer readable medium of claim 21 wherein the logic to process the stored...

15/3,K/15 (Item 13 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00888164

METHOD AND APPARATUS FOR NETWORK-ENABLED RISK ASSESSMENT

PROCEDE ET APPAREIL DESTINES A L'EVALUATION DE RISQUES VIA UN RESEAU

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200221310 A2 20020314 (WO 0221310)

Application: WO 2001US26856 20010829 (PCT/WO US01026856)

Priority Application: US 2000230521 20000901; US 2000660156 20000911

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4579

Main International Patent Class: G06F-017/00

Fulltext Availability:

Detailed Description

Detailed Description

... all the data and perform required communications.

Real property projects have historically suffered from poor **project management** (i.e. lack of effective and timely communication between involved parties, including regulators, inspectors, company managers and their prime contractors and nested **subcontractors**) which ultimately results in higher project costs and delays. Updated status reports, paper trails, phone...

...during the construction of a site, it is typical to use plumbers, electricians, and other **subcontractors** . Under the current system of **project management** it is possible that the project administrator will have ordered alterations to the plans on several occasions; however, these changes may not have been relayed to the **subcontractors** , and therefore each **subcontractor** may be operating from a different set of plans.

Current risk assessment has suffered similar...to a web-centric platform so that the user and/or his subcontractors can perform **project**

management accessing the inventive system using a web browser. Posting of information, as well as access...

15/3,K/16 (Item 14 from file: 349)

DIALOG(R)File 349:RCT FULLTEXT
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00886071

**METHOD AND APPARATUS FOR NETWORK-ENABLED REAL PROPERTY PROJECT MANAGEMENT
PROCEDE ET APPAREIL POUR LA GESTION DE PROJET IMMOBILIER EN RESEAU**

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200219212 A2 20020307 (WO 0219212)

Application: WO 2001US26739 20010828 (PCT/WO US0126739)

Priority Application: US 2000649664 20000829

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 3489

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... all the data and perform required communications.

Real property projects have historically suffered from poor **project management** (i.e. lack of effective and timely communication between involved parties, including regulators, inspectors, company managers and their prime contractors and nested **subcontractors**) which ultimately results in higher project costs and delays. Updated status reports, paper trails, phone...

...during the construction of a site, it is typical to use plumbers, electricians, and other **subcontractors** . Under the current system of **project management** it is possible that the project administrator will have ordered alterations to the plans on several occasions; however, these changes may not have been relayed to the **subcontractors** , and therefore each **subcontractor** may be operating from a different set of plans.

However, with the present invention, real property **project management** is

facilitated by having project data available to be viewed in its geographical context by...

...retrieve all data related to that object. The project administrator can let each of the **subcontractors** know that the most up to date version of the I.O. plans will always...to a web-centric platform so that the user and/or his subcontractors can perform **project management** accessing the inventive system using a web browser. Posting of information, as well as access...

15/3,K/17 (Item 15 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT
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00883986 **Image available**
LOCATION BOOKMARK SYSTEM AND METHOD FOR CREATING AND USING LOCATION INFORMATION

SYSTEME DE SIGNETS D'EMPLACEMENT ET PROCEDE DE CREATION ET D'UTILISATION D'INFORMATION DE POSITION

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200217130 A2-A3 20020228 (WO 0217130)

Application: WO 2001CA1187 20010820 (PCT/WO CA0101187)

Priority Application: CA 2316417 20000818

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CH CN CO CR CU CZ DE DK DM DZ EC
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA)-BF-BJ-CF-CI-CM-GA-GN-GQ-GW-ML-MR-NE-SN-TD-TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6834

International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... a quality inspector who, while examining a construction site, would automatically receive information (blueprints, schedules, **subcontractors** involved, etc.) transmitted in real-time to his wireless device in accordance to his current...

...all this in real-time. In addition, since the "location bookmarking" system can interact with **project management** configuration systems, it can alert the inspector in case of conflict, irregularity, anomaly, etc., once...

15/3,K/18 (Item 16 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT
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00863793 **Image available**

AUTOMATED COMPETITIVE BIDDING SYSTEM AND PROCESS

SYSTEME ET PROCEDE AUTOMATISES DE DEMANDES DE SOUMISSIONS CONCURRENTIELLES

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Legal Representative:

KRETEN Bernhard (agent), Bernhard Kretten, Esq. & Associates, Suite 1100, 300 Capitol Mall, Sacramento, CA 95814, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200197429 A2-A3 20011220 (WO 0197429)

Application: WO 2001US14850 20010612 (PCT/WO US2001014850)

Priority Application: US 2000592087 20000612

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 13864

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... who wants a building constructed on a particular tract of land contacting a builder or **project construction manager** (1st tier supplier), who would contact a general contractor (2nd tier supplier) who would contact a **subcontractor** (3rd tier supplier) who WO 01/97429 PCT/US01/14850

19

equipment distributor. The distributor...

15/3,K/19 (Item 17 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00855080 **Image available**
A PROCESS AND A SYSTEM FOR LISTING INFORMATION RELATING TO A CONSTRUCTION
PROJECT OVER A COMPUTER NETWORK
PROCEDE ET SYSTEME POUR LA MISE EN LISTE D'INFORMATIONS RELATIVES A UN
PROJET DE CONSTRUCTION SUR UN RESEAU INFORMATIQUE

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200188740 A1 20011122 (WO 0188740)
Application: WO 2001US12525 20010417 (PCT/WO US0112525)
Priority Application: US 2000570087 20000512

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 2977

Main International Patent Class: G06F-017/00

Fulltext Availability:

[Detailed Description](#)

English Abstract

A process for estimating a **construction project** over a computer network (5). Architects (40) or contractors (50) can enter information relating to a **construction project** into an online database (30). This online database (30) is stored in a server that creates a series of quantities for each of these **construction projects**. Next, a system host (15) presents a series of quantities for each of the **construction projects**. Next users, such as contractors (50), **subcontractors** (80), or construction managers can purchase and download these quantities and a construction report. These...

...Once the users have this template with the quantities included, they can bid on each **construction project** either online or through any other communication system.

[Detailed Description](#)

... and a system for displaying quantities, estimates, bids, project schedules and shop drawings for a **construction project** over a computer network. The quantities and estimates, are created through an electronic spreadsheet engine...

...enters this information the system host creates a series of quantities for each of the **construction**

projects . Next, the system host presents these quantities for each of the **construction projects** on a web-page over the computer network. Next, users such as contractors, **subcontractors** or construction managers can purchase and download these quantities and a construction report. Once the users have these quantities they can bid on each **construction project** either online or through any other communication means.

To further simplify this process, each construction...

...System host 15 runs a program that controls the process for displaying quantities, estimates, bids, **project** schedules, and shop drawings on **construction projects** stored in database 30 over the computer network. Through a series of remote computers, a series of different purchasers can log into server 10 to review these **construction projects** and to purchase information relating to these **construction projects** on web-pages 35. These purchasers could be an architect 40, a general contractor 50, a construction owner 60, a construction engineer 70, a **subcontractor** 80, a construction supplier 90 or a builder 95.

This process is shown in greater...for each division entered.

FIG. 3 shows the process for retrieving this information for the **construction projects** . This process starts with step 200 wherein a purchaser such as a contractor, **subcontractor** , engineer, or construction manager logs into server 10. Next, in step 210 the purchaser selects...

15/3,K/20 (Item 18 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00833742 **Image available**
INTEGRATED BUSINESS SYSTEM FOR THE DESIGN, EXECUTION, AND MANAGEMENT OF PROJECTS
SYSTEME TRANSACTIONNEL INTEGRE DE CONCEPTION, EXECUTION ET GESTION DE PROJETS
Patent Applicant/Assignee:
MARNELL CORRAO ASSOCIATES INC, 4495 South Polaris Avenue, Las Vegas, NV 89103, US, US (Residence), US (Nationality)
Inventor(s):
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NISBET Todd, 1813 Cedar Flat Lane, Las Vegas, NV 89134, US,
NICASTRO Cherie M, 1718 E. Pinchot, Phoenix, AZ 85016, US,
MARNELL Anthony A II, 7011 South Pecos Road, Las Vegas, NV 89120, US,
Legal Representative:
STEPHENSON Eric (et al) (agent), Skjerven, Morrill, MacPherson, Franklin & Friel LLP, 25 Metro Drive, Suite 700, San Jose, CA 95110, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200167279 A2-A3 20010913 (WO 0167279)
Application: WO 2000US15883 20000608 (PCT/WO US0015883)
Priority Application: US 2000519935 20000307
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7079

Main International Patent Class: G06F-017/60

International Patent Class: G06F-017/30

Fulltext Availability:

Detailed Description

Detailed Description

... the Related Art

Many industries employ a team of players to design and execute a **project**. For example, the **construction** industry employs a team of players to design and construct a building, such as an...

...etc., the management of the project budget, and for the management of any or all **subcontractors** who implement the design drawings and specifications. Finally, project accountants are responsible for payment of...

...electrical systems, mechanical systems, life safety - 2 systems, building equipment, labor, fixtures, etc. and facilitates **construction** management of the **project**. **Construction** management or finance team members are responsible for maintaining the budget of the **construction project**, and must have current, accurate information relating to costs of materials, fixtures, labor, etc. Additionally...

...each team member (specific to each team member's position) in the development of a **construction project**. For example, computer aided design tools have been developed which enable an architect or interior...

...by hand. Accounting systems are also available which enable the paperless financial management of a **construction project**. Additionally, software systems are available to contractors to facilitate the necessary purchases, scheduling and management...

15/3,K/21 (Item 19 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00822304 **Image available**

E-COMMERCE BID AND PROJECT MANAGEMENT SYSTEM AND METHOD FOR THE CONSTRUCTION INDUSTRY

SYSTEME ET PROCEDE DE GESTION DE SOUMISSIONS ET PROJETS, PAR COMMERCE ELECTRONIQUE, DANS L'INDUSTRIE DE LA CONSTRUCTION

Patent Applicant/Assignee:

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Inventor(s):

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GATES Georges H (et al) (agent), Gates & Cooper LLP, Suite 1050, 6701 Center Drive West, Los Angeles, CA 90045, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200155943 A1 20010802 (WO 0155943)

Application: WO 2001US3062 20010126 (PCT/WO US0103062)

Priority Application: US 2000178825 20000128

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7445

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... building, construction and facilities maintenance that need to be managed to track and monitor the **construction project** to completion are also limited to manual means.

By example, in the pre-construction phase...

...employs services of specialty engineers and consultants, c) an architect prepares bid documents concerning the **construction project** involved, d) architects and owners seek low bids from qualified general contractors, e) general contractors seek low bids from qualified **subcontractors** and suppliers, f) **subcontractor** seek low bids from suppliers, wholesalers and building products manufacturer, g) suppliers and wholesalers seek...

...product manufactures, h) building product manufacturers submit bids, i) suppliers and wholesalers submit bids, j) **subcontractor** submits bid, and k) general contractors submit an all-inclusive bid. The activities involved by...

Claim

... as described in Claim 1 wherein said plurality of functions include design, bidding, building or **construction**, and maintenance functions.

4 A **project management** system as described in Claim 2 wherein:
said plurality of functions include design, bidding, building...

...plurality of project functions comprises means for collaborating bids between owners, architects, engineers, general contractors, **subcontractors**, suppliers and building product manufacturers.

5 A **project management** system as described in Claim 3 wherein said bidding function comprises:
means for preparing bid...

bidding function
further comprises:
means for awarding...

...general contractors by said owners and architects; and - means for further awarding contracts to said **subcontractors** by said general contractors.

33 A **project management** system as described in Claim 30 wherein said bidding function
comprises:
means for preparing bid...

...bid documents into bid packages by general contractors;
means for distributing said bid packages to **subcontractors** by said general contractors; means for performing quantity take-offs and soliciting request for quotes from suppliers, wholesalers and building product manufacturers by said **subcontractors**; means for preparing bids by said suppliers, wholesalers and building product

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manufacturers and for submitting said bids to said **subcontractors**;
means for evaluating request for quotes and compiling bids by said **subcontractors** for
submitting to said general contractors;
means for evaluating bids received from said **subcontractors** and for
compiling totals
into a base bid by said general contractors; and
means for submitting said base bid by said general contractors to said owners and architects.

34 A **project management** system as described in Claim 33 wherein said bidding function
further comprises:
means for awarding...

...general contractors by said owners and architects; and means for further awarding contracts to said **subcontractors** by said general contractors.

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15/3,K/22 (Item 20 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00777990 **Image available**
ON-LINE AUCTION SYSTEM FOR CONSTRUCTION AND HOME IMPROVEMENT PROJECTS
SYSTEME D'ADJUDICATION EN LIGNE RELATIF A LA CONSTRUCTION ET AUX
AMENAGEMENTS INTERIEURS

Patent Applicant/Assignee:

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, US (Residence), US (Nationality)

Inventor(s):

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US

HONG Jungwook, 4073 Rivoli, Newport Beach, CA 92614, US

Legal Representative:

SUTTON Paul J, Greenberg Traurig, LLP, 200 Park Avenue, New York, NY
10166, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200111526 A1 20010215 (WO 0111526)
Application: WO 2000US21568 20000808 (PCT/WO US0021568)
Priority Application: US 99370673 19990809

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4324

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... server computer 20 over the Internet 10.

In the above example, the submission of the **construction** or home improvement **project** is not limited to a homebuilder, a homeowner, or a renter. A general contractor, which may be individuals or businesses, may submit job requests for **subcontractors** to bid on. In fact, any contractor who has a construction or home improvement job may submit smaller portions of his or her job for bids by **subcontractors**. In certain situations, a contractor who is currently bidding on a work request through this...

...of the remodeling work, for example, painting, flooring, siding, roofing, etc., for bids by other **subcontractors**, and resubmit a bid on the remodeling work at a lower price based on the...

15/3,K/23 (Item 21 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00762428 **Image available**

BUILDING CONSTRUCTION BID AND CONTRACT MANAGEMENT SYSTEM, INTERNET-BASED
METHOD AND COMPUTER PROGRAM THEREFOR
SYSTEME D'APPEL D'OFFRES ET DE GESTION DE CONTRATS DANS LE DOMAINE DE LA
CONSTRUCTION, PROCEDE BASE SUR INTERNET ET PROGRAMME INFORMATIQUE
ASSOCIE

Patent Applicant/Inventor:

CROOKSHANKS Rex J, 1901 Paseo del Sol, Palos Verdes Estates, CA 90274, US
, US (Residence), US (Nationality)

Legal Representative:

DULIN Jacques M (agent), Innovation Law Group, Ltd., Suite 101, 851
Fremont Avenue, Los Altos, CA 94024-5602, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200075837 A2 20001214 (WO 0075837)

Application: WO 2000US15481 20000605 (PCT/WO US0015481)
Priority Application: US 99137576 19990604; US 99163702 19991105; US
2000174989 20000107; US 2000197907 20000413
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
AU BG BR BY CA CN CZ CZ (utility model) EE EE (utility model) GE HR HU ID
IL IN JP KG KP KR KR (utility model) KZ LT LV MD MK MX NO NZ PL RO RU SG
SI SK SK (utility model) TJ TM TR UA US UZ VN YU ZA
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Filing Language: English
Fulltext Word Count: 22042

Main International Patent Class: G06F-017/60

Fulltext Availability:
Detailed Description
Claims

Detailed Description

... other Operator parties, such as an architectural finii, including an
ongoing hotline and service support.

Project Management Information

The method of the invention may be carried out in phases during a pr...

...for the various persons and entities participating, such as architects,
consultants, engineers, general contractors, and **subcontractors**. The
Bid System may also include inputs and outputs from or to various
entities such...

Claim

... comprising;
55
a) a website, including at least one of design services, inter-linking of
construction project plans for bidding contracts, builder control,
and affiliate
links;
b) a website operation for providing...

...fee basis aid affiliate including at least one of owner, developer,
architects, contractors, engineers, Surveyors, **subcontractors**, lenders,
insurers, accounting, service providers, legal service providers, and
title services.

1 5

18 An...

15/3, K/24 (Item 22 from file: 349)

DIALOG(R)-File 349:PCT-FULLTEXT
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00747118 **Image available**

DATA MANAGEMENT MECHANISM FOR PROJECT PLANNING

MECANISME DE GESTION DE DONNEES POUR PLANIFICATION DE PROJET

Patent Applicant/Assignee:

SINGLE SOURCE OY, Tekniikantie 12, FIN-02150 Espoo, FI, FI (Residence),
FI (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

TERVONEN Eero, Akselinpolku 11 A 4, FIN-02230 Espoo, FI, FI (Residence),

FI (Nationality), (Designated only for: US)
Legal Representative:
KOLSTER OY AB, Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki, FI
Patent and Priority Information (Country, Number, Date):
Patent: WO 200060510 A1 20001012 (WO 0060510)
Application: WO 2000FI290 20000404 (PCT/WO FI0000290)
Priority Application: FI 99754 19990406
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY CA CH CN CR CU CZ
CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ EE
EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KR (utility model) KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM TR
TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 3967

Main International Patent Class: G06F-017/60
International Patent Class: G06F-009/44 ...

... G06F-003/033

Fulltext Availability:
Detailed Description

Detailed Description

... of participants, such as subcontractors, suppliers, a client, a consultant, etc. The software related to **project management** and the software for managing documents also operate differently.

Project plans and data related to...

15/3, K/25 (Item 23 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00439358 **Image available**
SYSTEMS AND METHODS FOR FACILITATING THE EXCHANGE OF INFORMATION BETWEEN
SEPARATE BUSINESS ENTITIES
SYSTEMES ET PROCEDES FACILITANT L'ECHANGE D'INFORMATIONS ENTRE DES
ENTREPRISES SEPARÉES

Patent Applicant/Assignee:

BUILDNET INC,
BROWN Keith T,
BROWN Philip B,
WADDELL J William,
ANDRE Jeffrey J,

Inventor(s):

BROWN Keith T,
BROWN Philip B,
WADDELL J William,
ANDRE Jeffrey J,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9829822 A1 19980709

Application: WO 97US23740 19971231 (PCT/WO US9723740)

Priority Application: US 96775276 19961231

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU ID
IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN YU ZW GH GM KE LS MW
SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE
IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Fulltext Word Count: 11028

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... home builder checks-out the activity calendar for the subcontractor/supplier. Both systems (the Integrated Project Management Subsystem 66 and Integrated ...the fabrication schedule and a supplier schedule, per the established contract. Both systems (the Integrated Project Management Subsystem 66 and Integrated Work Activity Calendar 64) check-in the restrictively linked fabrication and...

15/3,K/26 (Item 24 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00429966

**INDEPENDENT DISTRIBUTED DATABASE SYSTEM
SYSTEME DE BASE DE DONNEES REPARTIES INDEPENDANTE**

Patent Applicant/Assignee:

CURRENT NETWORK TECHNOLOGIES CORPORATION,
SUTTER Herbert P,

Inventor(s):

SUTTER Herbert P,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9820430 A1 19980514

Application: WO 97CA807 19971029 (PCT/WO CA9700807)

Priority Application: US 96742024 19961101

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU ID
IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH GM KE LS MW
SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE
IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 44047

Main International Patent Class: G06F-017/30

Fulltext Availability:

Detailed Description

Detailed Description

... suppliers. The work force includes estimators and purchasers who are concerned with obtaining quotes for **construction projects**, materials, **subcontractors**, etc. The estimators and purchasers may spend most of their time in the field and...

15/3,K/27 (Item 25 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00142537

EXPERT INFORMATION SYSTEM AND METHOD FOR DECISION RECORD GENERATION
SYSTEME EXPERT D'INFORMATION ET METHODE POUR GENERER UN PROCES-VERBAL DE
DECISION

Patent Applicant/Assignee:

ACTIVE ENGLISH INFORMATION SYSTEMS INC,

Inventor(s):

PHILLIPS Clarence W,

PHILLIPS William F,

JACOBUS Gerry A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8707410 A1 19871203

Application: WO 87US1213 19870522 (PCT/WO US8701213)

Priority Application: US 86105 19860523

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AT AT AU BB BE BG BJ BR CF CG CH CH CM DE DE DK FI FR GA GB GB HU IT JP
KP KR LK LU LU MC MG ML MR MW NL NL NO RO SD SE SE SN SU TD TG

Publication Language: English

Fulltext Word Count: 13017

Main International Patent Class: G06F-015/21

Fulltext Availability:

Detailed Description

Detailed Description

... detailed set of correlated data and information for the various groups of personnel who perform **construction** work on a **project** as a result of the decisions made in the specification. These decision records are generally...

...decision maker, as a description of the materials and construction techniques necessary to complete a **construction** or other **project**, Such specifications must be coordinated with others, usually on the staff of an architect, to...

...people involved in constructing a project. Such information and coordinating directives go to contractors, suppliers, **subcontractors**, etc.

The handwriting of a specification, or decision record, is extremely tedious and time consuming...

15/3,K/28 (Item 26 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00124446

STRUCTURAL GRAPHICS REPRESENTATION
REPRESENTATION DE GRAPHIQUES STRUCTURAUX

Patent Applicant/Assignee:
AFFILIATED INNOVATION MANAGEMENT INC,

Inventor(s):

OCKMAN Stuart,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8502699 A1 19850620

Application: WO 84US1847 19841108 (PCT/WO US8401847)

Priority Application: US 83706 19831209; US 84160 19840816

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AT AU BE CH DE FR GB JP LU NL SE

Publication Language: English

Fulltext Word Count: 7206

Main International Patent Class: G06F-015/21

Fulltext Availability:

[Detailed Description](#)

[Detailed Description](#)

... OMPI

ipo

ATI

Fig. 6 shows in sectional elevation the corresponding portion of the scheduled **construction project**, comprising a plurality of structural increments uncharacterized as to the actual or scheduled order in...

...shown

might be grouped by type of work activity, location on a drawing, or by **subcontractor**, for example,

As will be apparent, ordering or ranking of pictorial structural increments may be...

?

STN Search

=> d hist

(FILE 'HOME' ENTERED AT 13:27:09 ON 02 AUG 2004)

FILE 'CONFSCI' ENTERED AT 13:27:17 ON 02 AUG 2004

L1 120 S (CONSTRUCTION? OR CAPITAL) (5N) PROJECT?
L2 276 S (MONITOR? OR TRACK? OR GATHER?) (3N) (PROGRESS OR STATUS? OR WO
L3 0 S L1 AND L2